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Bulletin
OF
BRIDGEWATER COLLEGE

Catalog Issue, 1952

BRIDGEWATER, VIRGINIA

1952

Bulletin of

Bridgewater College

BRIDGEWATER, VIRGINIA



CATALOG ISSUE 1951-1952
WITH ANNOUNCEMENTS FOR 1952-53

BRIDGEWATER COLLEGE BULLETIN

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Vol. XXVII

February 1952

No. 5

COLLEGE CALENDAR

1952

June 9, Monday, 8:00 a.m. Summer Session Registration
10:00 a.m. Summer Classes begin
August 1, 2, Friday, Saturday Summer Session Examinations
August 2, Saturday, 12:00 M. Summer Session closes

September 10, Wednesday, 9:00 a.m. First Meeting of the Faculty
September 10-12, Wednesday-Friday ... Student-Faculty Planning Conference
September 12-16, Friday-Tuesday... Registration and Orientation of Freshmen
September 15, 16, Monday, Tuesday Registration of Upperclassmen
September 16, Tuesday, 8:00 p.m. Faculty Reception
September 17, Wednesday, 8:00 a.m. Classes begin
September 17, Wednesday, 10:00 a.m. Convocation
November 26, Wednesday, 12:20 p.m. Thanksgiving Recess begins
December 1, Monday, 8:00 a.m. Thanksgiving Recess ends
December 20, Saturday, 12:20 p.m. Christmas Recess begins

1953

January 5, Monday, 8:00 a.m. Christmas Recess ends
January, 7-9, Wednesday-Friday Spiritual Life Institute
January 21-27, Wednesday-Tuesday First Semester Examinations
January 28, Wednesday Second Semester Registration
January 29, Thursday, 8:00 a.m. Second Semester Classes begin
April 3, Friday Founders Day
April 1, Wednesday, 12:20 p.m. Spring Recess begins
April 8, Wednesday, 8:00 a.m. Spring Recess ends
May 25-30, Monday-Saturday Second Semester Examinations
May 30, Saturday Alumni Day
May 31, Sunday, 11:00 a.m. Baccalaureate Service
June 1, Monday, 10:30 a.m. Seventy-third Commencement

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BOARD OF TRUSTEES

Term Expires 1956

ROSS SPEICHER (Western Maryland)*	Accident, Maryland
I. C. SENDER (Northern Virginia)	Linville
LOWELL N. LAYMAN	Cloverdale
AARON M. HORST	Hagerstown, Maryland
W. E. WINE	Parker
J. B. DILLON	Bassett

Term Expires 1955

R. DOUGLAS NININGER (First Virginia)	Salem
C. B. MILLER (North-South Carolina)	Warrensville, North Carolina
J. M. BENNETT (Mardela)	Wyoming, Delaware
VIRGINIA GARBER COLE STRICKLER	Luray
D. WILMER GARBER	Woodbridge
A. D. MILLER	Roanoke
W. T. SANGER	Richmond

Term Expires 1954

JOHN T. GLICK (Second Virginia)	Bridgewater
MARK BOWER (Florida-Georgia)	Winter Park, Florida
MALCOLM A. LONG	Baltimore, Maryland
ELMER A. JORDAN	Bridgewater

Term Expires 1953

FREDERICK D. DOVE (Middle Maryland)	Hagerstown, Maryland
OLIVE M. HOOKER (Eastern Virginia)	Nokesville
SAMUEL A. HARLEY (Eastern Maryland)	Linwood, Maryland
FRED R. CLAYTON (Second West Virginia)	Kasson, West Virginia
CHARLES W. WAMPLER	Harrisonburg
KATHERINE FLORY BLOUGH	Penn Laird

Term Expires 1952

JOHN A. PRITCHETT (Tennessee-Alabama)	Nashville, Tennessee
PRICE E. BOWMAN (Southern Virginia)	Bassett
AMOS S. A. HOLSINGER (First West Virginia)	Burlington, West Virginia
JOHN C. MYERS	Broadway
LELAND C. MOOMAW	Roanoke
H. GUS MUNTZING	Moorefield, West Virginia

Ex-officio

WARREN D. BOWMAN	Bridgewater
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* State names within parentheses indicate districts of the Church of the Brethren electing trustees to the Board. Other members are trustees-at-large.

OFFICERS OF THE BOARD

CHARLES W. WAMPLER.....	President
I. C. SENGER.....	First Vice-president
JOHN T. GLICK.....	Second Vice-president
CHARLES C. WRIGHT.....	Secretary
Bridgewater	
HARRY A. DRIVER.....	Treasurer
Weyers Cave	

MEETINGS OF THE BOARD

First Monday of November.....	November 3, 1952
First Saturday of March.....	March 7, 1953
Commencement Day.....	June 1, 1953

COMMITTEE ON EDUCATION OF THE CHURCH OF THE BRETHREN

VERNON F. SCHWALM, Ph.D., Chairman.....	North Manchester, Ind.
A. C. BAUGHER, Ph.D., Secretary.....	Elizabethtown, Penna.
DESMOND W. BITTINGER, Ph.D.....	McPherson, Kansas
RUFUS D. BOWMAN, Ph.D.....	Chicago, Ill.
WARREN D. BOWMAN, Ph.D.....	Bridgewater, Va.
CALVERT N. ELLIS, Ph.D.....	Huntingdon, Penna.
HAROLD D. FASNACHT, M.A. LL.D.	LaVerne, Calif.

ADMINISTRATION

EXECUTIVE OFFICERS

WARREN D. BOWMAN, M.A., Ph.D.....	<i>President</i>
JOHN W. BOITNOTT, M.A., Ph.D.....	<i>Dean of the College</i>
CECIL C. IKENBERRY, B.A., B.D.....	<i>Treasurer</i>
W. DONALD CLAGUE, B.A.....	<i>Dean of Students</i>
MARGARET V. FLORY, B.A.....	<i>Assistant Dean of Students</i>

JOHN S. FLORY, M.A., Ph.D.....	<i>President Emeritus</i>
PAUL H. BOWMAN, M.A., B.D.....	<i>President Emeritus</i>

GENERAL STAFF

ALICE SOFER CORBETT.....	<i>Secretary to the Dean</i>
JOHN T. FIKE, B.A.....	<i>Superintendent of Buildings and Grounds</i>
MATTIE V. GLICK, B.A.....	<i>Secretary to the President</i>
MOLLIE E. GLICK.....	<i>Assistant to the Dietitian</i>
DORIS M. GOOD.....	<i>Secretary to the Director of the Development Program</i>
RUFUS B. KING, M.S., MA.....	<i>Director of the Development Program and Executive Secretary of Alumni Association</i>
AGNES V. KLINE, B.A., B.S. in L.S.....	<i>Librarian</i>
AMY M. MICHAEL.....	<i>Secretary to the Treasurer</i>
STELLA G. REYNOLDS, B.A., M.A.....	<i>Dietitian</i>
GEORGE S. ROW, M.D.....	<i>College Physician</i>
LOUISE SAYRE, R.N.....	<i>College Nurse</i>
A. R. SHOWALTER, B.A., B.D.....	<i>Assistant Director of the Development Program</i>
RALEIGH W. SMITH.....	<i>Night Officer</i>
EDNA J. VOUGHT.....	<i>Director of Residence</i>
I. JAMES ESHLEMAN, B.A., B.D.....	<i>College Pastor</i>

FACULTY

1951-1952

(Arranged in order of first appointment)

WARREN D. BOWMAN, *President*

B.A., Bridgewater College; M.A., University of Chicago; Ph.D., *ibid.*; Bridgewater College, 1949—.

CHARLES C. WRIGHT, *Professor of Economics*

B.A., Bridgewater College; M.A., Columbia University; Ph.D., University of Virginia; Bridgewater College 1915—.

CHARLES E. SHULL, *Professor of Mathematics and Physics*

B.S., Bridgewater College; M.A., *ibid.*; M.A., Cornell University; Graduate study: University of Virginia; Johns Hopkins University; University of Illinois; Georgia School of Technology; Ohio Northern University. Bridgewater College 1914-17; 1919—.

MINOR C. MILLER, *Professor of Religious Education*

B.A., Bridgewater College; M.R.E., Boston University; Student, Harvard University; Bridgewater College, 1921—.

NELSON T. HUFFMAN, *Professor of Voice and Director of Music*

B.A., Bridgewater College; Graduate, Peabody Conservatory of Music, Voice Certificate; B.M., Cincinnati Conservatory of Music; M.M., Northwestern University; Bridgewater College, 1925—.

RUTH E. WEYBRIGHT, *Assistant Professor in Organ, Piano, and Theory*

Graduate, Blue Ridge College, Department of Music; Graduate, Peabody Conservatory, Piano Certificate; Student Johns Hopkins University; B.M., Cincinnati Conservatory of Music; Graduate study, American Conservatory of Music; Organ student, Virgil Fox, Chas. M. Courboin, and Nies-Berger. Bridgewater College, 1927—.

J. MAURICE HENRY, *Professor of History and Political Science*

B.A., Bridgewater College; M.A., George Washington University; Ph.D., *ibid.*; Bridgewater College, 1928—.

HARRY G. M. JOPSON, *Professor of Biology*

B.S., Haverford College; M.A., Cornell University; Ph.D., *ibid.*; Bridgewater College, 1936—.

OLIVE DELP GRAHAM, *Instructor in Art*

B.S., and Certificate in Art, Sullins College; Student, University of Virginia; Madison College; Bridgewater College, 1936—.

MARSHALL R. WOLFE, *Associate Professor of Philosophy and Religion*

B.A., Blue Ridge College; B.D., Bethany Biblical Seminary; Graduate Student, West Virginia University; Bridgewater College 1937—.

A. OLIVIA COOL, *Assistant Professor in Piano, and Theory*

B.A., Bridgewater College; Teachers Certificate in Music, *ibid.*; Student, Johns Hopkins University; Peabody Conservatory of Music; American Conservatory of Music; Bridgewater College, 1937-40; 1942——.

W. DONALD CLAGUE, *Assistant Professor of Chemistry*

B.A., Bridgewater College; Graduate Student, University of Alabama; Columbia University; University of Virginia; Bridgewater College, 1943——.

FRANCES E. SILLIMAN, *Associate Professor of Biology*

B.S., University of Minnesota; M.Sc., University of Michigan; Graduate study, University of Minnesota Biological Station; University of Michigan; Bridgewater College 1944——.

S. RUTH HOWE, *Associate Professor of Home Economics*

B.A., Manchester College; M.Sc., The Pennsylvania State College; Graduate study, Columbia University; Syracuse University; Bridgewater College, 1945——.

JOHN W. BASTA, *Assistant Professor of Foreign Languages*

B.S., Mansfield State Teachers College; Graduate Student, New York University; Columbia University; George Washington University; University of Virginia; Assistant Professor of Foreign Languages, Bridgewater College, 1945——.

RUDOLPH A. GLICK, *Associate Professor of Mathematics*

B.A., Bridgewater College; M.A., Duke University; Bridgewater College, 1937-42; 1945——.

RAYMOND N. ANDES, *Professor of Foreign Languages*

B.A., Bridgewater College; M.A., University of North Carolina; Ph.D., *ibid.*; Bridgewater College, 1946——.

DANIEL S. GEISER, *Assistant Professor of Physical Education and Director of Athletics*

B.A., Juniata College; M.A., Ohio State University; Bridgewater College, 1946——.

GALEN L. STINEBAUGH, *Assistant Professor in Music Education*

B.M., Sherwood Music School; B.A., Manchester College; M. Mus., Northwestern University; Bridgewater College, 1946——.

CLARENCE E. MAY, *Professor of English.*

B.A., Bridgewater College; M.A.; University of Virginia; Graduate student, Columbia University; Summer Student, Stratford-on-Avon; Bridgewater College, 1946——.

JOHN W. BOITNOTT, *Professor of Education*

B.A., Bridgewater College; M.A., University of Virginia; Ph.D., *ibid.*; Bridgewater College, 1947——.

GUSTAV H. ENSS, *Professor of German and Philosophy*

Undergraduate work in Russia; two years of graduate work in German Language and Lit., Berlin, Germany; M.A., plus two additional years in Philosophy, University of Michigan; Th.M. and Th.D., in Philosophy of Rel. and Theology, S. W. Baptist Theo. Seminary; Bridgewater College, 1947—.

NELL KERSH BOITNOTT, *Instructor in Education*

B.A., Bridgewater College; Graduate student University of Virginia; Bridgewater College, 1947—.

*VICTOR E. GLICK, *Assistant Professor of History*

B.A., Bridgewater College; M.A., University of Chicago; Bridgewater College, 1949—.

STELLA G. REYNOLDS, *Instructor in Home Economics*

B.A., Lynchburg College; M.A., Hartford Seminary; Diploma Miss Farmers School of Cookery; Student, Columbia University; Diploma Wilton School of Cake Decorating; Bridgewater, 1949—.

LOWELL V. HEISEY, *Associate Professor of Chemistry*

B.A., Manchester College; M.S., Purdue University; Ph.D., *ibid.*; Bridgewater College, 1950—.

WILLIAM G. WILLOUGHBY, *Associate Professor of Sociology and Bible*

A.B., Elizabethtown College; B.D., Bethany Biblical Seminary; Ph.D., Boston University; Bridgewater College, 1950—.

WILLIAM LEE PRYOR, *Assistant Professor of English and Director of Drama*

B.A., Florida Southern College; M.A., Florida State University; Bridgewater College, 1950—.

RUTH ELIZABETH TANDY, *Assistant Professor of Physical Education*

A.B., University of Kentucky; M.S., Indiana University; Bridgewater College, 1950—.

M. LOUISE TRUXAL, *Assistant Professor of English*

A.B., Bethany College; M.A., University of Wisconsin; Bridgewater College, 1950—.

WILLIAM H. ANDERSON, *Assistant Professor of Commerce*

B.A., John B. Stetson University; M.A., *ibid.* Bridgewater College, 1951—.

WILLARD B. FRICK, *Assistant Professor of Psychology*

B.S., Lincoln Memorial University; Graduate student, George Peabody College; Bridgewater College, 1951—.

* Leave of absence.

RUTH L. STINEBAUGH, *Instructor of Music*

B.S., Ball State Teachers College; Graduate student, Huntington College Conservatory of Music; Bridgewater College, 46-48; 1951——.

OLIVE SMITH BOWMAN, *Instructor of Music*

B.S., Longwood College; Graduate student, University of Chicago; Bridgewater College, 1951——.

HELEN C. ESHLEMAN, *Instructor of Music*

B.S., Manchester College; Graduate student, American Conservatory; Bridgewater College, 1951——.

EARLENE EVELYN ANDES, *Instructor of Commerce*

B.S., Madison College; Bridgewater College, 1951——.

CLIFFORD T. MARSHALL, *Assistant Professor of Music*

B.M., Eastman School of Music; M.M., Sherwood School of Music; Bridgewater College, 1951——.

TRAINING TEACHERS: Harry W. McCary, B.A., M.A.; A. B. Booker, B.S.; Effie E. Ikenberry, B.A.; Leonard A. Hollen, B.A.; Mrs. Rio McConnell, B.A.; M. Katherine Bowman, B.A.; Maxine Abshire, B.A.; Earlene Andes, B.S.; Ralph D. Guyton, B.A.; Dorothy V. Swank, Ethel Shipman, Edwina Furry, Blanche Wright, B.A.; Mrs. Sam Heltzel, Jr., B.A.; Georgie Hite, Jacqueline Towers, B.A.; Pauline Dutton, B.S.

COUNCILS AND COMMITTEES

1951-52

Council on Administration: Warren D. Bowman, *Chairman*; John W. Boitnott, Cecil C. Ikenberry, Charles C. Wright, Harry G. M. Jopson, W. D. Clague, Margaret Flory, Mattie V. Glick, secretary

Committee on Business and Finance: Cecil C. Ikenberry, *Chairman*; John W. Boitnott, Charles C. Wright.

Committee on College Events: Nelson T. Huffman, *Chairman*; Cecil C. Ikenberry, Mattie V. Glick, Ruth Weybright, John W. Basta. Students: Sue Bower, Paul M. Kline, John K. Boitnott.

Committee on Library: Lowell V. Heisey, *Chairman*; Agnes V. Kline, C. E. May, J. M. Henry.

Committee on Public Relations: Rufus B. King, *Chairman*; C. E. May, Cecil C. Ikenberry, W. D. Clague, John W. Boitnott.

Council on Education: John W. Boitnott, *Chairman*; Charles C. Wright, Harry G. M. Jopson, Galen L. Stinebaugh, M. R. Wolfe, Raymond N. Andes, Warren D. Bowman.

Committee on Admissions: John W. Boitnott, *Chairman*; W. D. Clague, Cecil C. Ikenberry, Rufus B. King, Mattie V. Glick.

Council on Athletics: Harry G. M. Jopson, *Chairman*; Daniel S. Geiser, John W. Boitnott, C. E. Shull, Cecil C. Ikenberry, R. A. Glick, Ruth E. Tandy, Warren D. Bowman. Students: Iris H. Warner, Merle Crouse, Melvin L. Myers, Helen J. Wine.

Council on Student Personnel: John W. Boitnott, *Chairman*; W. D. Clague, Margaret Flory, Warren D. Bowman.

Committee on Spiritual Life: William G. Willoughby, *Chairman*; M. R. Wolfe, W. D. Clague, Margaret Flory, James Eshleman, C. E. Shull, R. A. Glick. Students: James S. Flora, Betty Lou Myers, Eugene D. Nolley, J. Willard Bowman.

Committee on Forensics: G. H. Enss, *Chairman*; Frances E. Silliman, Louise Truxal, William L. Pryor. Student: Arthur W. McDaniel.

Committee on Health: Frances E. Silliman, *Chairman*; W. D. Clague, Margaret Flory, Stella Reynolds, Ruth E. Tandy, Louise Sayre, George Row.

Committee on Social Life: Margaret Flory, *Chairman*; W. D. Clague, Stella Reynolds, S. Ruth Howe, William L. Pryor, Lowell V. Heisey, Olivia Cool, Ruth E. Tandy. Students: Wayne E. Spangler, Doris L. Niswander, Mary A. Hooker, Harold R. White, Jack W. Evert, Sidney L. Driver.

Note: The president of the college is an ex-officio member of all committees. The dean of the college is an ex-officio member of all committees of the Council on Student Personnel.

GENERAL INFORMATION

HISTORY

Bridgewater College was founded and organized by the Rev. Daniel C. Flory in 1880. Its first two sessions were conducted at Spring Creek, Virginia, where the institution was known as the Spring Creek Normal and Collegiate Institution. In 1882 the first Board of Trustees was appointed, and the location was changed from Spring Creek to Bridgewater. The institution was then chartered as the Virginia Normal College, and a two-year course of study in advance of the original curriculum was added for the training of teachers. In the fall of 1883, at the beginning of the fourth session of its history, the college began its first operations on the present campus.

In April, 1889, a new charter was granted, marking the official entrance of Bridgewater College, the name which it then assumed, into the field of higher education. In June, 1891, the first college degrees conferred by an institution of the Church of the Brethren were granted to three young men by Bridgewater. For a number of years instruction was done on several educational levels. At present, however, the attention and emphasis of the trustees and the faculty are confined to the study of the liberal arts and sciences, and the college offers work of college quality only. Through the years Bridgewater has grown in physical resources, endowment, personnel, constituency, and professional strength, until today it is a substantial and attractive institution of higher learning.

In 1923 Daleville College, of Daleville, Virginia, was consolidated with Bridgewater. The two institutions began operating in the session of 1924-25 on a co-operative basis, the college work being conducted at Bridgewater and the academy work at Daleville. In the spring of 1932 Daleville was discontinued. In 1929 a co-operative agreement was made with Blue Ridge College, of New Windsor, Maryland. The trustee boards were interlocked, and Blue Ridge continued as a co-operating junior college until June, 1937, when it passed into other management.

LOCATION

The college is located in the heart of the Shenandoah Valley in the village of Bridgewater. It is seven miles west of Harrisonburg, the county seat of Rockingham County, and twenty miles north of Staunton. It is easily accessible by bus and train. Bridgewater is three miles off the Lee Highway (Route 11), to the west. The cultural advantages of the cities of Roanoke, Richmond, and Washington are all within a few hours' drive.

CHURCH AFFILIATION

Bridgewater College, is owned and controlled by the Church of the Brethren, it being one of the six colleges of this denomination. It extends a cordial welcome to young people of all Christian bodies without favor or discrimination. The charter allows representation from other churches on the trustee board and on the faculty. Young people of good character and serious purpose are welcomed warmly regardless of their religious affiliation.

ACADEMIC STANDING

Bridgewater is a standard four year college. It is fully accredited by the Virginia State Board of Education and holds membership in the Southern Association of Secondary Schools and Colleges. The college is also a member of the Association of American Colleges, the Association of Virginia Colleges, and the American Council on Education. Graduates of Bridgewater have won distinction at many of the leading American universities.

COLLEGE OBJECTIVES

Bridgewater is distinctly a college of liberal arts and science. Courses are restricted to the undergraduate field and lead to the Bachelor of Arts and Bachelor of Science degrees. The trustees and faculty have defined clearly the aims and objectives of the college. The following is a condensed statement of these objectives:

First: Intellectual. The college aims to introduce its students to the most important fields of knowledge and give them opportunity to acquire a reasonable mastery of some field of major interest; to help them acquire an understanding of human life and progress and especially of contemporary civilization; to create in them a permanent interest in intellectual things and develop scholarly habits and the power of independent creative thinking.

Second: Spiritual. The college aims to develop and conserve in its students the Christian ideal of life, making it effective on the campus as well as in after life; to make higher education an ally of the Christian Church; to help leaven society with the light of Christ, and to give to the world men and women who are constructive forces in moral and spiritual progress.

Third: Personal efficiency. The college aims to stimulate and guide its students into "fulness of life" as expressed in the development of their powers of body, mind, and soul. Each individual student is given opportunity for personal growth, and the expression and cultivation of his powers in the interest of genuine happiness and personal efficiency.

Fourth: Social efficiency. The college aims to impart to its students the desire to serve others and to train them in qualities of social usefulness.

Civic duty, social obligation, domestic responsibility and the socially valuable virtues are matters of major emphasis.

Fifth: The college accepts responsibility for a limited amount of professional training, education for leisure, preparation for home and family life, and for the vocational guidance of youth.

The college purposes to develop in each student the power to discover truth for himself, the ability to evaluate ethical standards, and the capacity of mind and heart to enter freely into the intellectual and spiritual experiences of the race.

RELIGIOUS LIFE

The college is profoundly concerned about the spiritual atmosphere of the campus and the religious culture of students. Purposes and plans are dominated by the conviction that education and religion are the two most powerful forces for good in human society. Every encouragement is given to faithfulness to religious vows and to attendance at the churches with which students are affiliated.

The chapel service is conducted three days a week, Monday, Wednesday, and Friday with faculty, students, and visitors participating. Regular attendance is required and an attendance record is kept. A student is permitted to have ten absences during one semester. The students may meet on Tuesday and Thursday of each week for announcements and student meetings.

The college church and Sunday School and the Methodist, Presbyterian, Baptist, and Lutheran churches of Bridgewater afford opportunity for the nurture of the religious life of students. The city of Harrisonburg affords opportunity for church attendance at other Protestant churches. There are also a Catholic Church and a Jewish Temple in that city. Students are expected to observe Sunday by attendance at the church of their choice. All academic work and athletics are suspended for the day.

HEALTH AND PHYSICAL EDUCATION

Diligent efforts are made by the college health officers to promote health and physical welfare through proper sanitation and cleanliness, safeguarded food supplies, physical education and hygiene. A physical examination is required of all new students as a part of the registration procedure. Vaccination and inoculations against contagious diseases are recommended before coming to college.

GOVERNMENT

The active government of the institution is vested in the faculty, and special responsibilities are laid upon the President, the Dean of the College,

the Dean of Students, and the Treasurer in this connection. Plain and simple regulations are printed and available to all students.

In every society or state, certain regulations are essential for the good of all its people. A college campus is a community in itself and must be regulated for the best welfare of its citizens. The college therefore stands firmly against and *prohibits*

The use, possession, or handling of alcoholic beverages

Profanity and gambling

Hazing in any form

The use, possession, or handling of fireworks.

The use of tobacco is discouraged and restricted.

Students are requested not to bring firearms to the campus. If special permission is granted, all such equipment must be placed in the hands of the Director of Residence for storage.

The possession of automobiles by resident students is discouraged. Advance permission from the Dean of Students must be secured for automobile privileges.

It is deemed unwise for students to marry during the session, and their remaining in college is dependent upon the consent of the president prior to their marriage.

In all affairs of government the college is regarded as one large family. An offense of one is an offense against all. *Whenever a student's stay at Bridgewater becomes unprofitable to himself or to others, he will be asked to withdraw.*

Bridgewater gives special attention to freshman problems and provides careful protection to freshmen in the interest of academic and social life.

Automobile travel and athletic activities involve an element of hazard which students and parents should recognize. The college is always co-operative and helpful in case of accident or injury but is not liable for injuries of this sort or for expenses of any kind resulting from such injuries. Accident insurance is compulsory at a small cost.

Frequent home-going by students is discouraged. Parents are called upon to make every reasonable sacrifice to keep students in college without interruption. Visiting at home and away from the college breaks the continuity of work and is costly to the student.

DORMITORIES

Rooms are furnished with single beds, dresser, mattresses, chairs, tables, bookshelves, window shades and electric bulb. Students should provide linen, bedding, pillows, curtains, table lamps, rugs, and other articles which add to the comfort and attractiveness of the room.

Students are held responsible for the proper care of their rooms and furniture. Damages to such will be charged to the occupants of the room. Damage to other college property by students will likewise be chargeable to them.

Electrical equipment and installations must be approved by the Superintendent of Buildings and Grounds. The use of hot plates, however, is prohibited by insurance regulations.

Room inspections are made occasionally.

Students are required to vacate their rooms during the Christmas and spring vacations unless special arrangements are made with the Superintendent of Buildings and Grounds in advance of the recess.

A student who wishes to retain his room for the following session must file his application between April 1 and April 15. After April 15, all rooms not reserved are open for general assignment by the Dean of Students, upon application. The Dean of Students reserves the right to shift assignments if it seems advisable for the mutual interest of the student and the college.

Students living away from home are required to live at the college. Permission may be granted to upperclassmen to live in town for valid reasons upon the written application to the Dean of Students prior to registration.

SPECIAL EMPHASIS

Spiritual Life Institute. The college has for a period of more than a half century conducted an annual institute in recognition of spiritual values and the place of religion in life and education. It is designed for ministers and religious leaders. The institute usually follows the Christmas recess and brings to the campus distinguished leaders and speakers.

Rural Life Institute. The founders of Bridgewater College were essentially rural people. From the beginning a large percentage of the students have come from the country and small towns. We believe that sound educational procedure demands that all students be more enlightened regarding rural life. Regardless of whether the student intends to live in the country or the city an accurate knowledge of rural conditions and a sympathetic attitude toward rural problems will not only be a rich addition to his culture but will be a real contribution to better citizenship. For these reasons the college has set up the following objectives:

1. To help preserve in American life through the medium of higher education the social, cultural, intellectual and spiritual values of our rural life.
2. To assist the young people of our college in developing a greater appreciation of the opportunities and advantages of rural life and in acquiring the power and skill of living happily and successfully in the country.
3. To contribute toward the solution of the rural problem in America through the program of adult education radiating from the college to as wide a constituency as possible.

Religious Emphasis Week. Religious Emphasis Week is observed early in the fall. A prominent Christian leader is brought to the campus for addresses, forums, and conferences with students and faculty. The aim is to bring students and faculty into a more vital Christian experience, and to lead them to a Christian dedication of personal life, talents, and vocation.

Home and Family Life. Students who desire to pursue courses in home economics for their practical value, but not major in this field, are encouraged to take certain electives which are specifically designed to prepare them for marriage and family life. Such courses are: Clothing Construction, Foods and Cookery, Home Management, and Child Growth and Development. In addition, all students are encouraged to pursue the course in Marriage and Family Life offered in the Department of Sociology.

ALUMNI ASSOCIATION

The Alumni Association, organized prior to 1900, has as its purpose first, to foster a fraternal spirit among alumni, second, to encourage and promote local chapters, and third to seek methods and means of creating and maintaining a bond of loyalty between alumni and the college and to promote the work and ideals for which the college stands. The Board of Directors consisting of twenty-one members constitutes the main working body of the Association. The Board holds at least two meetings each year. Local chapters are entitled to representation on the Board. At present there are fourteen local chapters.

All graduates or former students who have been in attendance for one session at Bridgewater, Daleville, or Blue-Ridge Colleges are members of the Association. Faculty members and trustees are considered honorary members. The Association has no dues, but an annual appeal is made for contributions to the Alumni Fund. Such contributions activate one's membership and entitle him to receive the B. C. Bee, the campus newspaper, and other

college publications. The official publication of the Association is *The News-ette* which is published three times a year and is sent to all members of the Association.

SUMMER SCHOOL

The summer school is an integral part of the total college program. Standard courses, most of which are taught in the regular session, are offered in the summer term. The faculty for the most part is selected from the regular staff. Students may earn as many semester hours of credit as there are weeks in the summer session. The school is of eight weeks duration. Further information may be secured by writing to the Director of the Summer School.

PLACEMENT

The college provides a placement service for all seniors. Adequate records, including personal data, academic data, and confidential character ratings are available to prospective employers. The college does not guarantee positions, but it makes every effort to assist seniors in securing satisfactory placements.

BUILDINGS AND EQUIPMENT

The college campus proper comprises about twenty-five acres and is surrounded by the college farm of about one hundred acres. The campus is beautifully shaded by maples, elms, oaks, tulip poplars, pines, sycamores, and other native trees and shrubs. Ample athletic fields adjoin the campus. The college grounds are bounded on one side by North River, a beautiful tributary of the Shenandoah.

Memorial Hall was erected in 1890, and for thirty-nine years was known as Stanley Hall. In 1927 it was remodeled, and on Founders Day, 1928, rededicated as Memorial Hall. This building is a repository of college history and traditions. It contains tablets and portraits commemorating important events and persons connected with the history of the college. The college chapel, music studios and practice rooms, and the chemistry laboratory are in this building.

Founders Hall was erected in 1904, and was named in honor of the men and women who had made great sacrifice in the interest of the college up to that time. It accommodates the administrative offices, the biology department, eight class rooms, and the college postoffice.

Yount Hall, a residence hall for men, erected in 1905, was named to commemorate the long and valued services of President Walter B. Yount, and his gifted mother, Mrs. Margaret C. Yount. A large and attractive parlor for social purposes is provided on the first floor.

The Gymnasium was erected in 1908. A gallery was added in 1920. Built for a gymnasium, it affords adequate room, both for class work in physical education and for indoor athletics. The Class of 1913 equipped the gymnasium as an auditorium. Its use as such was discontinued in 1929.

Wardo Hall, a residence hall for men, was built in 1910. The three stories above the basement provide rooms for about seventy young men. The rooms are of ample size and well-lighted and ventilated.

The College Street Church was built on the grounds opposite Wardo Hall in 1914. This is a brick structure providing adequate equipment for Sunday School and other church activities. It contains about thirty special Sunday School rooms besides a large audience room. The building was provided by the Bridgewater congregation with some assistance from the alumni.

The Administrative Annex, formerly known as the president's residence, has temporarily been converted into an office building. It houses the business offices, the alumni and public relations offices, the regional offices, and faculty apartments.

The George B. Flory Residence was purchased from Elder George B. Flory and wife during the fall of 1919. It is a large, modern residence and is named in honor of a brother of the founder and his wife whose liberality and sympathy were unfailing assets in many of the crises through which the college has passed.

The Heating Plant was constructed in 1921. It supplies heat for the entire institution, including the apartment house and a number of residences. Modern equipment was installed in the summer of 1948.

The Apartment House was built in 1920. There are four complete apartments heated with steam. This building provides homes for members of the faculty.

Rebecca Hall was erected in 1928-29. It is the permanent home of the boarding department and provides living quarters on the second floor for thirty-eight young women. A gift of ten thousand dollars was made to this building by Benjamin Cline, of North River, Va., and the building is named in honor of his wife, Rebecca Driver Cline.

Cole Hall was erected in the summer and fall of 1929. It is the auditorium section of a future administration building. The auditorium has

a seating capacity of about seven hundred people and is equipped with modern stage, dressing rooms, complete stage lighting system, motion pictures and sound equipment, two artist grand pianos and a modern three-manual Möller pipe organ. The building is also provided with a modern apartment. This building perpetuates the memory of Dr. Charles Knox Cole and is a gift of his daughter, Mrs. Virginia Garber Cole Strickler.

The College Library is also located in this building on the ground floor. It contains approximately 16,000 volumes, exclusive of government documents, an art file, and a large collection of pamphlets covering many fields. The reference section is supplied with encyclopedias, dictionaries, atlases, handbooks, and a substantial collection of bound magazines. The leading newspapers and periodicals are received. Renovation was undertaken in 1949 to accommodate the increased number of students. New steel stacks have been installed which double the shelf capacity.

The Mary F. Early Missionary Home is located on College Street, just off the campus. It was deeded to the college by the donor as a home for missionaries on furlough. It came into the full possession of the college at the death of Mrs. Early in January, 1934, and will perpetuate the memory of a loyal friend of education and serve an important need of the church. This property was modernized in 1937 upon a gift from Mrs. Lera Miller Smith.

The Robert J. Wright Cottage is used as a residence for faculty. It came into the possession of the college by purchase in 1940.

The Home Management House, formerly known as the Roller property, which the college purchased in 1932, provides the quarters for an important portion of the practical work of the home economics department. It is well-furnished for this purpose.

North Hall was constructed in 1946 as an emergency dormitory for men. It is a comfortable one-story building with lounge facilities, and provides rooms for 60 men. It also contains a three-room apartment for the Director of Residence. In 1947 an annex to North Hall was constructed which houses 37 men. This annex also contains an apartment for the Director of Residence.

The Snack Shop, located in a building placed on the campus by the Bureau of Community Facilities in 1947, is a one-story building providing space for snacks and recreation. One wing of the building is being used as an infirmary and nurse's apartment.

Broad Street Apartment came into the possession of the college through gift and purchase from Dr. J. M. Henry in 1947. It serves as residence for two faculty families.

Blue Ridge Hall was erected in 1949 and was named in recognition of Blue Ridge College, of New Windsor, Maryland, which was discontinued in 1944. This building provides living accommodations for one hundred women. Excellent facilities for the social life of the college are also available in this hall. It also offers a suite of rooms for the use of visiting alumni.

The President's Home, located on East College Street, was constructed in 1949. It provides ample facilities for both the home life and the social life of the president and his family.

The Athletic Field, purchased in 1923, lies along the banks of North River and is one of the most spacious college fields in Virginia. It is equipped with a track, a baseball diamond, and a large general playing field. The college classes of 1923, 1924, 1925, and 1926 and many other friends and alumni made contributions toward the purchase and development of this field.

The College Farm, adjoining the campus, comprises about 100 acres. It is equipped with ample facilities for a small dairy herd and for general farming. A modern two-family residence is also located on the farm.

STUDENT ORGANIZATIONS AND ACTIVITIES

Student activities offer opportunity for the cultivation of individual traits of personality which courses of study often fail to reach. A number of such activities and organizations are provided under the joint direction of student and faculty committees and councils.

It is recommended that all students find some activity suited to their interest, but that they limit themselves to the number that will allow good scholastic work. Regulations governing student participation in activities may be found in the student handbook, *THE EAGLE*.

New activities must be approved by the Student Council and the faculty.

All activity practice schedules must be approved by the Dean of Students, and no activity should proceed with such schedules without first securing this approval. All plays, operettas, and similar productions are approved by the Council on Administration before preparation for public performances may begin. Personnel for these activities shall be approved by the faculty.

The Student Council. This organization represents the major activities of campus life. It is a representative assembly and is presided over by the president of the student body, who is elected by popular vote. It is responsible for general supervision of student activities, for the administration of the honor code, for the expression of student opinion on problems of college life, and for the interpretation of college standards and ideals.

Debate and Oratory. Bridgewater has established a record of distinction in various forms of public speech. Debate and oratory are sponsored on both an intramural and intercollegiate basis. Men and women participate on equal terms.

The following organizations function in this program: The Council on Forensics and the Bridgewater chapter of Tau Kappa Alpha, a national honor society.

Dramatics. The college gives strong emphasis to dramatics both in the classroom and in the production of plays. A number of plays are presented each year. Cole Hall provides standard facilities for this program.

The following organizations function in this field: The Curtain Club and the Bridgewater chapter of the Alpha Psi Omega, national honorary fraternity.

Music. Bridgewater has been an important music center for more than a half century. The theoretical and practical courses in music are paralleled by rich expressional activities, including frequent recitals by students and teachers.

The following organizations are active in the field: The glee clubs, the chapel choir, the orchestra, the band, the men's and women's quartets, the music fraternity, Societas Orphea, and the local chapter of the American Guild of Organists.

Athletics. Bridgewater College fosters sports, both indoors and out of doors, encouraging as many as possible to participate in them. They are maintained not for the few, but for all. Every safeguard is exercised to insure healthful, manly contests. Football, baseball, basketball, track and tennis are maintained as intercollegiate sports for men; field hockey and basketball for women. The college is a member of the Mason-Dixon Intercollegiate Conference.

The athletics of the college are under the supervision of the Athletic Council. The Board of Trustees and the faculty reserve the right to veto the decisions of the Athletic Council. College regulations governing athletics are printed in the student handbook, *The Eagle*.

In addition to the Athletic Council, the following organizations function in the fields of health and physical education: The Athletic Association, the Monogram Club, and a hiking club known as the Hillandale Club.

Publications. In addition to the catalog, the college publishes five additional bulletins each year, among them three issues of an alumni publication known as the *Bridgewater College Newsette*. The student handbook, *The Eagle*, is an annual publication. The students publish a college newspaper, *The B. C. Bee*, and the college annual, *Ripples*.

Departmental Clubs. Several departments of instruction foster clubs for the benefit of students of the departments concerned.

The following clubs are maintained: The International Relations Club, the Home Economics Club, the French Club, the Spanish Club, the German Club, the Social Science Club, Societas Orphea, the Psi Chapter of the Chi Beta Phi, and the Business and Commerce Club.

Lyceum and Motion Pictures. A cultural course of entertainment has been fostered at the college for many years as a service to the college and the Bridgewater community. Artists and lecturers of distinction are brought to the campus through this program. Carefully selected motion pictures are also presented. This program is under the direction of the Council on Administration.

Social Life. The college seeks to offer to the men and women of the college rich and wholesome social experience. Social regulations have been developed as experience has pointed the way. They seek to safeguard the dignity and social standards of the college and to maintain Christian ideals in social relationships.

ADMISSION

Admission to Bridgewater College will be granted to those who present evidence of ability to succeed in the type of program provided. While success in a college of liberal arts may depend upon several qualities and types of achievement, applicants for admission to Bridgewater College will be expected to show the following types of ability or achievement.

1. *Graduation from an accredited senior high school or secondary school.* The program of courses completed in the high school should include three units of English, two units of mathematics, one unit of history, and one unit of science and at least eight units in suitable electives. While several of the electives may be in commercial, vocational or other non-academic subjects, it is highly recommended that two units be in one foreign language and several others in the academic subjects such as English, science, mathematics, and social studies.

2. *Average or better than average scholarship on the secondary school program completed.* The grades or marks made on the high school or secondary school program or scores made on achievement tests covering the secondary school subjects should be high enough to give reasonable assurance of ability to do college work.

3. *Good moral character.* Success in a liberal arts and Christian college will depend not only upon the type and quality of secondary school program completed but also upon good character, involving such things as clean living, high aspirations, and industriousness. Applicants are expected to present evidences of these qualities.

In order to obtain full and complete information concerning the achievements of applicants and their abilities to do college work, Bridgewater College will make use of the following methods:

1. *The application blank.* The application blank has been designed to provide much information needed by the Admissions Committee. This blank may be obtained from the Office of the Dean of the College. After it has been completely filled out, it should be returned to his office. This is the first step, and a very important one, to be taken by all who wish admission to Bridgewater College.

2. *The high school or secondary school transcript.* Upon receipt of the application blank properly filled out, the college will ask the applicant's secondary school principal to furnish an official transcript of his academic record.

3. *Written recommendations.* Upon receipt of the application blank properly filled out, the college will ask the applicant's high school principal, one of his high school teachers, his minister and some person who knows both him and the college to provide a character rating or a letter of character recommendation.

4. *Personal interview.* Soon after the application blank has been sent in, the applicant should arrange, if at all possible, to come to the campus for a personal interview. This interview will be made by members of the Admissions Committee or by members of the staff designated for this purpose. Appointment for an interview may be made by telephoning or writing to the Dean of the College.

Each application will be recognized by letter soon after receipt and notice of acceptance or rejection will be given just as soon as all information described above is in. Inquiries from applicants are welcomed. Questions will be answered and information will be provided promptly upon request.

Admission by Examination. Candidates for matriculation may be accepted on the basis of examination given or approved by Bridgewater College. Certificates from the College Entrance Examination Board will be accepted in lieu of secondary school records. Entrance examinations will be given to those desiring them at Bridgewater in September. Applications for examinations should be made to the Dean.

Advanced Standing. A student who has matriculated at another accredited institution may transfer to Bridgewater not later than the beginning of the senior year by presenting a complete statement, certified by the institution from which the transfer is sought, of all work taken in that institution, *together with the high school records covering the regular entrance requirements of Bridgewater College.* Such students are also expected to present letters of honorable dismissal from their former institution or other satisfactory evidence of good character. No student will be admitted to advanced standing who has not complied with these conditions. Transfer credit will not be allowed on courses bearing a grade of less than C. Students who transfer from other colleges are required to make an average of C on all work taken here in order to qualify for graduation. Any honors received are based on the work done at Bridgewater.

Special Students. A student who is permitted to carry less than twelve hours and is not a candidate for a degree or certificate will be classified as a special student.

GRADUATION

REQUIREMENTS FOR GRADUATION

Bridgewater College provides four curricula leading to a degree. One of these, known as the liberal arts curriculum, leads to the Bachelor of Arts degree; a second one leads to the Bachelor of Science in Home Economics degree; a third to the Bachelor of Science in Music Education and a fourth to a Bachelor of Science in Business Administration.

Candidates for either of these degrees must meet the four general requirements herewith listed:

1. Completion of standard college courses amounting to 128 to 130 semester hours as outlined on the following pages.
2. Quality points equal to the number of semester hours offered for graduation. The quality points on the major and minor must also equal the number of semester hours composing each.
3. The passing of a comprehensive examination covering the field of concentration. (See comprehensive examinations page 40.)
4. The senior year in residence at Bridgewater College.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

1. English—12 semester hours

- a. English 1, 2. Composition and Rhetoric—6 hours
- b. English 20, 21. Masterpieces of Literature—6 hours

2. Foreign Language—12 semester hours in one language

3. Natural Science—16 semester hours

This requirement should be met in biology, chemistry, physics and geology. However, agriculture or home economics may be counted to the extent of four hours, provided the courses carry laboratory work.

4. Mathematics—6 semester hours

Either Mathematics 1. Algebra, and 2. Solid Geometry; or Mathematics 3-4. Mathematics of Finance—6 hours

5. History and Social Science—12 semester hours

- a. History 22, 23. American History—6 hours
- b. Either Economics 20-21. Principles of Economics; or Government 50. United States Government, and 51. State, City and Rural Government; or Sociology 20-21. Principles of Sociology—6 hours

6. Bible and Religion—9 semester hours

a. Bible—6 hours

b. Either Religion 20. Principals of Religious Development, or 21. Foundations of Christian Belief, or a third semester course in Bible

7. Psychology—3 semester hours

Psychology 20. General Psychology—3 hours

8. Health and Physical Education—4 semesters

Physical Education 1, 2, 20, 21. Health and Physical Education—4 hours

Physical Education 50 is recommended for all, and is required of those who plan to teach in the public schools.

9. Completion of field concentration. Unless otherwise designated, a concentration consists of a major of not less than eighteen semester hours and a cognate minor of not less than twelve semester hours in courses numbered 20 or above. The concentration should be approved by the Dean and the student's adviser not later than the end of the sophomore year. Suitable concentrations, from which students may choose, are outlined and listed below:

A. A major in English of not less than twenty-one semester hours including courses 20, 21, 51, 52, 53, 54, and 55 and a cognate minor of not less than twelve semester hours in a foreign language, history, speech, philosophy, economics, one of the social sciences, Bible, or music.

B. A major in French of not less than eighteen semester hours, or a major in two modern foreign languages of not less than twelve semester hours each, and a cognate minor of not less than twelve semester hours in English, history, speech, philosophy, another language, or music.

C. A major in music of not less than twenty-four semester hours, which may be taken in Music Literature and Theory, including music theory 22, 23, 24, 25, 50, 51, and eight hours of applied music; or in Applied Music, including music theory 22, 23, 50, 51 and twelve hours of applied music; and a cognate minor of not less than twelve semester hours in English, one of the social sciences, Bible, philosophy, language, or religious education.

D. A major in biology of not less than eighteen semester hours including courses 20, 21, 50, and either 52 or 60-61, and a cognate minor of not less than twelve semester hours in chemistry, physics and mathematics, psychology, philosophy, physical education, or general physical science including geology.

E. A major in chemistry of not less than twenty-two semester hours including courses 20, 22, 50-51, and 54-55, or 52, 53 and a cognate minor of not less than twelve semester hours in biology, physics, or mathematics including courses 20, 21 and 50, 51.

F. A major in biology and chemistry (for pre-medical students) of not less than thirty semester hours including biology 20-21 and 60-61 and

chemistry 20, 22 and 50-51 and a cognate minor of eleven semester hours consisting of physics 50-51 and mathematics 20.

G. A major in home economics of not less than twenty-four semester hours including courses 1, 2, 20, 21, 53, 57, 59, 60, and a cognate minor of not less than twelve semester hours in one of the social sciences, foreign language, chemistry, biology, English, or music.

H. A major in mathematics of not less than twenty-one semester hours including courses 2, 20, 21, 50, 51, 52, 53, and a cognate minor of not less than twelve semester hours in physics, chemistry, economics, or business including courses 20-21, 50-51.

I. A major in health and physical education of not less than twenty-four semester hours including courses numbered 51 and above and a minor of not less than fifteen hours in biology including courses 20-21, 50 and 53.

J. A major in commerce or business of not less than twenty-four semester hours including courses 20-21, 56, and 57-58, and a cognate minor of not less than twelve semester hours in economics including course 20-21, or mathematics.

K. A major in economics of not less than eighteen semester hours including course 20-21, and a cognate minor of not less than twelve semester hours in business, history, one of the social sciences, or mathematics.

L. A major in history of not less than eighteen semester hours including courses 22, 23, 50, 51, and government 20, and a cognate minor of not less than twelve semester hours in English, foreign language, one of the social sciences, Bible, philosophy, or music.

M. A major in sociology of not less than twenty-one semester hours including courses 20-21, 59 or 60 and psychology 54 and a cognate minor of not less than twelve semester hours in economics, history, psychology, or philosophy. (Psychology 54 may be omitted from the major if the cognate minor is psychology.)

N. A major in Bible and religion of not less than eighteen semester hours including Bible 20, 21, 55, religion 20 or 21 and a cognate minor of not less than twelve semester hours in philosophy, psychology, sociology, English, history, or music.

O. A major in psychology of not less than eighteen semester hours including courses 20, 53, and 55, and a cognate minor of not less than twelve semester hours in sociology, education, philosophy, biology, Bible, or music.

P. A major in social science of not less than thirty semester hours including economics 20-21 and six semester hours in other courses in economics, government 50-51, and sociology 20-21, and six semester hours in other courses in sociology.

Q. A major in philosophy of not less than eighteen semester hours including courses 21, 22, 51, 52, 53, 54 and a cognate minor of not less than twelve semester hours in sociology, psychology, history, English, foreign language, or one of the natural sciences.

SUGGESTED CURRICULUM

As a guide in meeting all of the requirements for the Bachelor of Arts degree in the most effective manner, the following curriculum is suggested:

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 1	3	English 2	3
Mathematics 1 or 3	3	Mathematics 2 or 4	3
Foreign Language	3	Foreign Language	3
Chemistry 1	4	Chemistry 2	4
Bible 1	3	Bible 20	3
Physical Education 1	1	Physical Education 2	1
	—		—
	17		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 20	3	English 21	3
Foreign Language	3	Foreign Language	3
Chemistry, Biology or Physics ..	4	Chemistry, Biology or Physics..	4
History 22	3	History 23	3
Religion 20 or Psychology 20	3	Psychology 20 or Religion 21	3
Physical Education 20	1	Physical Education 21	1
	—		—
	17		17

JUNIOR AND SENIOR YEARS

Social Science	6
*Electives	54
	—
	60

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN HOME ECONOMICS

In addition to the general requirements for graduation, the following specific requirements for the Bachelor of Science in Home Economics degree must be fulfilled. This curriculum is designed primarily to train vocational home economics teachers for the public schools. Students interested in home

*The electives must be used to complete concentration requirements and to achieve special objectives that the student may desire.

economics for other purposes should consider the Bachelor of Arts degree with a concentration in home economics.

1. **English—12 semester hours**
 - a. English 1, 2. Composition and Rhetoric—6 hours
 - b. English 20, 21. Masterpieces of Literature—6 hours
2. **Natural Science—18 semester hours**
 - a. Chemistry 1-2. General Chemistry—8 hours
 - b. Chemistry 24. Organic and Food Chemistry—4 hours
 - c. Biology 22. Elementary Physiology—3 hours
 - d. Biology 58. Introduction to Bacteriology—3 hours
3. **Bible and Religion—9 semester hours**
 - a. Bible—6 hours
 - b. Either Religion 20. Principles of Religious Development or 21. Foundations of Christian Belief or a third semester course in Bible.—3 hours
4. **History and Social Science—12 semester hours**
 - a. History 22, 23. American History—6 hours
 - b. Sociology 20-21. Principles of Sociology—6 hours
5. **Psychology—6 semester hours**
 - a. Psychology 20. General Psychology—3 hours
 - b. Psychology 51. Educational Psychology—3 hours
6. **Education—9 semester hours**
 - a. Education 50. History and Philosophy of Education—3 hours
 - b. Education 53. Secondary Education—3 hours
 - c. Education Elective—3 hours
7. **Health and Physical Education**
 - a. Physical Education 1, 2, 20, 21. Health and Physical Education—4 hours. Physical Education 50 is recommended for all, and is required of those who plan to teach in the public schools.
8. **Home Economics Education—12 semester hours**
 - a. Home Economics 61. Special Methods in Home Economics—3 hours
 - b. Home Economics 62. Vocational Home Economics—3 hours
 - c. Home Economics 70. Supervised High School Teaching—6 hours
9. **A concentration in home economics including courses numbered 1, 2, 20, 21, 51, 53, 55, 56, 57, 59, 60, and 66.**

SUGGESTED CURRICULUM

As a guide in meeting all of the specific requirements for the Bachelor of Science in Home Economics degree in the most effective manner, the following curriculum is suggested:

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Art 1	3	Home Economics 5	3
English 1	3	English 2	3
Chemistry 1	4	Chemistry 2	4
Home Economics 1	3	Home Economics 2	3
Bible 1	3	Bible 20	3
Physical Education 1	1	Physical Education 2	1
	<hr/>		<hr/>
	17		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 20	3	English 21	3
Biology 22	3	Biology 58	3
Home Economics 20	3	Home Economics 21	3
Religion 20	3	Chemistry 24	4
History 22	3	History 23	3
Physical Education 20	1	Physical Education 21	1
	<hr/>		<hr/>
	16		17

JUNIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Psychology 20	3	Psychology 51	3
Education 50	3	Education 53	3
Home Economics 56	3	Home Economics 53	3
Home Economics 61	3	Home Economics 57	4
Home Economics 66	3	Sociology 21	3
Sociology 20	3		
	<hr/>		<hr/>
	18		16

SENIOR YEAR			
<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Home Economics 51	3	Home Economics 60	3
Home Economics 55	3	Home Economics 62	3
Home Economics 59	3	Education Elective	3
Home Economics 70	6	Elective	6
	<hr/>		<hr/>
	15		15

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN MUSIC EDUCATION

In addition to the general requirements for graduation, the following specific requirements for the Bachelor of Science in Music Education degree must be fulfilled. This curriculum in music education is designed primarily to train music supervisors or teachers for the public schools. Students interested in music for other purposes should consider the Bachelor of Arts degree with a concentration in music.

1. English—12 semester hours
 - a. English 1, 2. Composition and Rhetoric—6 hours
 - b. English 20, 21. Masterpieces of Literature—6 hours
2. Foreign Language—12 semester hours preferably in French or German
3. Natural Science—8 semester hours

This requirement should be met in biology or chemistry
4. History—6 semester hours
 - a. History 22, 23. American History—6 hours
5. Bible—6 semester hours
6. Psychology—6 semester hours
 - a. Psychology 20. General Psychology—3 hours
 - b. Psychology 51. Educational Psychology—3 hours
7. Education—6 semester hours
 - a. Education 50. History and Philosophy of Education—3 hours
 - b. Education 53. Secondary Education—3 hours
8. Health and Physical Education
 - a. Physical Education 1, 2, 20, 21. Health and Physical Education—4 hours. Physical Education 50 is recommended for all, and is required of those who plan to teach in the public schools.
9. A concentration in Music consisting of courses numbered 1, 2, 22, 23, 24, 25, 50, 51, 57, 58, 62, 63, 64, 65, 66, 67, and 70-71 in Music Theory, sixteen semester hours in Applied Music (including piano, voice and organ) and eight semesters of band, orchestra or glee club.

SUGGESTED CURRICULUM

As a guide in meeting all of the specific requirements for the Bachelor of Science in Music Education degree in the most effective manner, the following curriculum is suggested:

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 1	3	English 2	3
French or German	3	French or German	3
History 22	3	History 23	3
Music 1	3	Music 2	3
Bible 1	3	Bible 20	3
*Applied Music	2	Applied Music	2
Physical Education 1	1	Physical Education 2	1
Glee Club, Band, or Orchestra		Glee Club, Band, or Orchestra	
	—		—
	18		18

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 20	3	English 21	3
French or German	3	French or German	3
Chemistry or Biology	4	Chemistry or Biology	4
Music 22	3	Music 23	3
Music 24	2	Music 25	2
Applied Music	2	Applied Music	2
Physical Education 20	1	Physical Education 21	1
Glee Club, Band, or Orchestra		Glee Club, Band, or Orchestra	
	—		—
	18		18

JUNIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Psychology 20	3	Psychology 51	3
Education 50	3	Education 53	3
Music 57	3	Music 58	3
Music 63	2	Music 64	2
Music 65	1	Applied Music	2
Music 66	2	Elective	3
Applied Music	2	Glee Club, Band, or Orchestra	
Glee Club, Band, or Orchestra			
	—		—
	16		16

*One lesson of Piano and one lesson of Voice per week recommended.

SENIOR YEAR			
<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Music 50	3	Music 51	3
Music 62	2	Music 71	3
Music 70	3	Music 67	2
Electives	6	Electives	6
Applied Music	2	Applied Music	2
Glee Club, Band, or Orchestra		Glee Club, Band, or Orchestra	
	<hr/>		<hr/>
	16		16

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION OR BUSINESS EDUCATION

1. **English—12 semester hours**
 - a. English 1, 2. Composition and Rhetoric—6 hours
 - b. English 20, 21. Masterpieces of Literature—6 hours
2. **Natural Science—8 semester hours**
3. **Mathematics—6 semester hours**
 - a. Mathematics 3-4. Mathematics of Finance—6 hours
4. **History and Social Science—12 semester hours**
 - a. History 22, 23. American History—6 hours
 - b. Either Government 20. United States Government, and 21. State, City and Rural Government; or Sociology 20-21. Principles of Sociology—6 hours
5. **Bible and Religion—9 semester hours**
 - a. Bible—6 hours
 - b. Either Religion 20. Principles of Religious Development or 21. Foundations of Christian Belief, or a third semester course in Bible—3 hours
6. **Psychology—3 semester hours**
 - a. Psychology 20. General Psychology—3 hours
7. **Health and Physical Education—4 semesters**
 - a. Physical Education 1, 2, 20, 21. Health and Physical Education—4 hours. Physical Education 50 is recommended for all, and is required of those who plan to teach in the public schools.
8. **Proficiency in Typewriting**

Proficiency should be developed by the end of the first year. The Department will pass upon the student's proficiency.

9. A concentration in economics and business, including courses 20-21, 52-53, 56 and 59 in economics and courses 20-21, 25, 26, 52, 53 and 57-58 in business. Also, twelve semester hours to be selected from the following courses: Business 22, 23, 50, 54, 55, 56, 60, 61 and 63 and Economics 54-55.

An alternate concentration in business education consisting of courses 21-22, 23-24, 25 and 26 in secretarial studies, courses 20-21, 26, 52, 53, 57-58 and three hours of directed electives in business and courses 20-21, 59, and three hours of electives in economics. This concentration will be allowed only for those who take the courses in education and psychology required for the Virginia Collegiate Professional Certificate or its equivalent to teach in the public schools.

SUGGESTED CURRICULUM

As a guide in meeting all of the specific requirements for the degree in Bachelor of Science in Business Administration in the most effective manner, the following curriculum is suggested:

FRESHMAN YEAR			
<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 1	3	English 2	3
Chemistry or Biology	4	Chemistry or Biology	4
Mathematics 3	3	Mathematics 4	3
Bible 1	3	Bible 20	3
Business 22	3	Business 25	3
Physical Education	1	Physical Education 2	1
	—		—
	17		17

SOPHOMORE YEAR			
<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 20	3	English 21	3
Business 20	4	Business 21	4
Economics 20	3	Economics 21	3
Religion 20 or Psychology 20....	3	Religion 21 or Psychology 20	3
History 22	3	History 23	3
Physical Education 20	1	Physical Education 21	1
	—		—
	17		17

JUNIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Business 52	3	Business 53	3
Business 57	3	Business 58	3
Economics 52	3	Economics 53	3
Economics 56 or 59	3	Business Elective	3
Free Elective	3	Free Elective	3
	<hr/>		<hr/>
	15		15

SENIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Government or Sociology	3	Government or Sociology	3
Economics 56 or 59	3	Business 26	3
Business Elective	3	Business Elective	3
Free Electives	6	Free Electives	6
	<hr/>		<hr/>
	15		15

NOTE: Students interested in a suggested curriculum for the alternate concentration in business education should consult the head of the department and the Dean of the College.

ACADEMIC REGULATIONS

Matriculation. It is important that students matriculate promptly in the period devoted to registration at the beginning of each semester. There is a charge for failure to register at the proper time. In cases of unavoidable delay notice should be given immediately. Otherwise the college accepts no responsibility for holding room reservations or providing living accommodations.

Class Attendance. Every absence from class is a distinct loss which is practically irreparable. If a student misses more than ten class meetings, or twenty percent, whichever is the smaller, of the meetings of any class for a semester, he cannot receive credit in this course unless special arrangements are made with the dean and his instructor. Limited optional class attendance is available to upper class students who have achieved high academic rating. Rules and regulations governing class attendance are printed in full in *The Eagle*, the student handbook.

Classification of Students. Students are classified on the basis of both quantity and quality of work. In order to be rated as a sophomore a student needs to pass 26 semester hours of work with an average of C. A student must have completed 58 semester hours of work with an average of C to be rated as a junior and 94 semester hours with an average of C to be rated as a senior. (This is a new classification standard and will be in operation for the class graduating in 1955 and all classes graduating thereafter.)

The Semester Hour. The basis of credit is the semester hour. This is the unit assigned a class which meets one period weekly for lecture, recitation, quiz, or two hours weekly for laboratory during one half of the college year. Lecture or recitation periods are one hour in length. Two hours of preparation are expected for each hour of lecture or recitation. Each hour of credit presupposes three hours' work on the part of the student, two hours spent in preparation and one in class, or two to three hours in class in case the work is laboratory.

Quality Points. A candidate for a degree must have earned as many quality points as semester hours required for the degree. In a general way this means that the student must make an average grade of C to graduate. Students should keep their quality points equal to or greater than the number of semester hours earned at all times as he progresses toward his educational objective.

Quality points are determined as follows: For each semester hour of credit with a grade of A three quality points are allowed, with a grade of B two quality points are allowed, and with a grade of C one quality point is allowed. Quality points are not allowed for a grade of D or for any grades other than A, B, and C.

The Grading System. A grade will be issued to each student and his

parents or guardian at mid-semester and at the end of the semester on each subject for which he is officially registered. Only the grades assigned at the end of each semester are recorded on the permanent record. One of the following grades will be issued on each course: A, B, C, D, E, F, I, WP or WF. Each grade is interpreted as indicated below:

A—superior or maximum achievement.

B—above average achievement.

C—average achievement.

D—fair or below average achievement. The lowest mark acceptable for credit.

E—conditional achievement. This grade will be issued as an indication of satisfactory day by day achievement but unsatisfactory achievement on the final examination of the course. It may be removed by satisfactory performance on a second examination administered within six weeks after the beginning of the regular semester following the one in which the grade was received. If this grade is not removed or replaced in this manner, it will automatically become an F.

I—incomplete achievement. This grade may be given when the student has been unable to complete the course because of illness or some emergency situation which he has not been able to control. The time and conditions for the removal of an I must be approved by the Dean when it is assigned.

WP—withdrawn passing. This grade indicates that the student's achievement in the course was satisfactory at the date of withdrawal. In order to receive it, the withdrawal must have the approval of the teacher of the course and the Dean of the College.

WF—withdrawn failing. This grade indicates that the student's achievement in the course was unsatisfactory at the date of the withdrawal. In order to receive it, the withdrawal must have the approval of the teacher and the Dean of the College.

F—unsatisfactory achievement. A grade of F carries no credit. It will be given whenever one of the grades described above does not fit the case. Once this grade is assigned it will remain on the permanent record, however the course may be repeated.

Re-examination. A student making E on any course may take a second examination. A student may be re-examined but once in a given course and in not more than two subjects in any one semester.

Reports. Reports are sent twice each semester to parents and students. Parents are furnished special reports at other times upon request.

Minimum Scholarship Standard. A student is expected to achieve an average grade of C or better on the courses for which he is permitted to enroll. However, a student may be allowed to continue his studies for a time, at the discretion of the Council on Education, even though he has not achieved an average of C on his work of the preceeding semester.

At the end of each semester, and especially at the end of the second semester of each school year, a careful evaluation of the achievement of each student will be made and a student who falls under the standards listed below may be required to withdraw.

1. By the end of the first year, a student must have earned at least fifteen semester hours credit, and nine quality points.
2. By the end of the second year, a student must have earned at least thirty-six semester hours credit and thirty quality points.
3. By the end of the third year, a student must have earned at least sixty semester hours credit and fifty-four quality points.
4. After the third year, a student must earn at least twenty-four hours and twenty-four quality points during the full session.

The Council on Education will be responsible for interpreting these standards and for hearing appeals concerning them.

Limitation of Work. The regular maximum program is seventeen hours. To take eighteen hours formal application must be made through the Dean's office to the Council on Education. In the event this application is granted, an average mark of at least C must be earned on all subjects with no more than one mark below C. If more than one mark is below C, credit is lost in one course.

Honor System. An honor system has been in operation at Bridgewater for a long time. The system is under the general control and supervision of the Honor Council. The personnel of the Council as well as the rules and regulations of the system appear in the Student Hand Book, entitled *The Eagle*.

The Honor Roll. The honor roll is made up and posted at the end of each semester. To be placed on the honor roll, a student must make no grade less than B on a load of twelve semester hours or more.

Graduation Honors. High scholarship is recognized at graduation in three classes of academic distinction: *summa cum laude*, *magna cum laude*, and *cum laude*. A student must have completed in residence courses totaling at least sixty semester hours with honors in order to qualify for graduation with honors. A transfer student may not graduate higher than *cum laude*.

Comprehensive examinations. A candidate for graduation must pass a written comprehensive examination over his area of concentration which

usually consists of a major and a cognate minor. The examination will be made and the student's paper graded by the student's major professors with the assistance of the professors in the department in which the cognate minor is done. This examination will be administered within four to six weeks prior to the end of the semester in which the student is expected to finish his work for graduation.

A candidate for graduation may be required, by the major professor, to take an oral comprehensive as a check on his written. A candidate for graduation with honors must verify his honors by satisfactory performance on an oral comprehensive. Oral comprehensives will be administered within two weeks following the administration of the written. They will be administered by the student's major professor with the assistance of the minor professor and at least one other appointed by the major professor and the Dean of the College.

PRE-PROFESSIONAL CURRICULA

A full course of four years leading to the B. A. degree is undoubtedly the best preparation for those who intend to enter any professional school. Under the elective system as developed at Bridgewater there is abundant latitude for a student to take the subjects required for entrance to the various professional schools without interfering with his degree requirements.

Those students who desire to enter a professional or technical school will find in the Bridgewater curriculum courses that will enable them to meet the minimum requirements in the minimum amount of time.

As soon as a student has selected the professional or technical school which he desires to enter he should consult the Dean regarding the entrance requirements of the school.

Pre-Agriculture. While Bridgewater College is not a school of agriculture considerable basic work may be done at Bridgewater that may be applied to a degree program in schools of agriculture. Basic work that can be done at Bridgewater for transfer consists of English, mathematics, science, social science, and physical education. The student should confer freely with the Dean and his adviser with reference to courses and plans for transfer.

Pre-Dental. Schools of dentistry require at least two years of college work for admission. Some of them either require or urge more than two years. Bridgewater College provides counsel and an adequate curriculum for students desiring admission to a college of dentistry. A two-year curriculum should consist of a year's course in each of the following: biology, inorganic chemistry, organic chemistry, English and physics. Electives to complete a program of at least sixty semester hours should consist of mathematics, psychology, history, sociology, economics, and hygiene.

Pre-Engineering. Bridgewater College is not a school of engineering, but a student can do from one to two years of basic work here and trans-

fer it to a school of engineering without loss of credit. The work that may be done consists of English, mathematics, science, social science and physical education. A student who is admitted to this program should confer with the Dean and his faculty adviser with reference to his program of studies and his plan for transfer to the school of engineering.

Pre-Law. The practice of law is distinctly a learned profession, and four years of college work are undoubtedly the best preliminary education for the prospective law student. Schools of law quite generally recommend that those contemplating the study of law should first earn a baccalaureate degree. However, students are admitted to many law schools if they have had two years of college work, including the proper subjects and amounting to not less than sixty semester hours. Bridgewater College offers courses to meet the needs of students of either class.

Pre-Medical. Most schools of medicine require or strongly urge prospective medical students to complete a curriculum leading to the baccalaureate degree. They prefer a well rounded program consisting of basic courses in English, the social sciences, and the sciences. Specific courses in biology, chemistry, and physics are usually required. A few medical colleges will admit a limited number of students who have not completed college provided they have a high academic average on a well selected pattern of courses. Bridgewater College provides ample guidance and a carefully designed curriculum for students who desire to enter a medical college.

Pre-Nursing. While training for nursing may be entered from high school, many young women will find it desirable to obtain some college education before entering upon nursing education. Students completing at least two full years of work consisting of certain courses may transfer to the Medical College of Virginia School of Nursing and obtain the B.S. degree in Nursing. Interested students are urged to confer with their advisers concerning this program.

Pre-Pharmaceutical. A student may take at least one year of pre-pharmaceutical work at Bridgewater and receive credit for it in a school of pharmacy. Such a program should consist of basic courses in English, chemistry and biology. Electives to fill out a one year program should be from such areas as history, psychology, modern languages, et cetera.

Pre-Seminary. Bethany Biblical Seminary and other standard seminaries require a liberal arts education leading to the bachelors degree for admission. While a major in Bible and religion is accepted, a major in one of the traditional academic subjects may be preferred. The ministerial student should develop his entire academic program in close cooperation with his advisers.

Other Pre-Professional Courses. There is a great variety of worthwhile work to do in our modern complex world. Many of the jobs or positions require formal education beyond high school. Bridgewater College provides

counseling to aid the student in determining a worthy objective and in building an educational program that will help him attain it.

CHURCH LEADERSHIP TRAINING

The Christian Education Commission of the General Brotherhood Board of the Church of the Brethren will grant a leadership Training Certificate to college students who complete a program of studies which includes the following courses or areas: Bible, 6 hours; Religion, 3 hours; General Psychology, 3 hours; Educational Psychology, 3 hours; Audio-Visual Education, 2 hours; and at least 6 hours in electives from Religion and Psychology. One year's experience in church school work while in college under the supervision of capable leadership is also required. A two year curriculum designed to meet the requirements for this certificate is outlined on page 50.

TEACHER EDUCATION

One of the major objectives of Bridgewater College is the training of teachers for elementary and high school teaching. Some of the basic principles, as well as rules and regulations, governing our program of teacher education are presented in the paragraphs that follow. The program is sufficiently flexible to meet the needs of the student and the varying certification requirements. Students are expected to confer with the education staff not later than the beginning of the junior year with reference to a suitable program.

Elementary School Teachers

The curriculum set forth below is designed to prepare teachers for the elementary school. Completion of it leads to graduation with the A.B. degree at Bridgewater College and to certification for teaching in the elementary schools of most states. Slight adjustments may need to be made in it for certification in certain states.

This curriculum is broadly cultural, rather than professional. Enough professional work is included in it, however, to assure a thorough understanding of the essential purposes and methods of teaching in the elementary school.

It is assumed that the student can and should insert a small amount of applied music or art in this curriculum as he progresses toward graduation. Furthermore, with the advice and consent of the teacher education staff, the student can make minor adjustments in it provided the need for such adjustments seems adequate.

Suggested Curriculum for Elementary Teachers

FRESHMAN YEAR

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
English 1	3	English 2	3
Foreign Language	3	Foreign Language	3
Mathematics 1 or 3	3	Mathematics 2 or 4	3
Chemistry 1 or Biology 20	4	Chemistry 2 or Biology 21	4
Bible 1	3	Bible 20	3
Physical Education 1	1	Physical Education 2	1
	<hr/>		<hr/>
	17		17

SOPHOMORE YEAR

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
English 20	3	English 21	3
Foreign Language	3	Foreign Language	3
Chemistry or Biology	4	Chemistry or Biology	4
History 22	3	History 23	3
Religious Education 20	3	Psychology 20	3
Physical Education 20	1	Physical Education 21	1
	<hr/>		<hr/>
	17		17

JUNIOR YEAR

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
Geography	3	Educational Psychology	3
History and Philosophy of Education	3	Child Psychology	3
Materials and Methods	3	Materials and Methods	3
Music Methods in the Elementary School	3	Art for Elementary Teachers	2
Major Subject	3	Major Subject	3
Personal and Community Hygiene	2	Elective	3
	<hr/>		<hr/>
	17		17

SENIOR YEAR			
<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Sociology, Econ. or Govt.	3	Sociology, Econ. or Govt.	3
Major subject	3	Major subject	3
Minor subject	3	Minor subject	3
Supervised Teach. Elem. Sch....	6	Education elective	3
		Free elective	3
	<hr/> 15		<hr/> 15

High School Teachers

The completion of a liberal arts program leading to the bachelor's degree is the minimum training now required in nearly all states for certification to teach in the high school. While the specific requirements for certification vary somewhat from state to state, every state has two types of requirements. These are outlined briefly as follows:

1. **Professional requirements.** The professional requirements for a standard certificate in each state are met by completion of about eighteen semester hours in education and psychology. Bridgewater College recommends the courses listed below the completion of which, preferably in the order indicated, meets the professional requirements for the Collegiate Professional Certificate in Virginia as well as for the standard certificates in most other states.

Educational Psychology	3 semester hours
History and Philosophy of Education	3 semester hours
Secondary Education	3 semester hours
Principles of Teaching	3 semester hours
Supervised High School Teaching	6 semester hours

2. **Academic or subject matter requirements.** Most states require anywhere from twelve to twenty-four semester hours in a given subject for certification to teach it in high school. While a teacher can be certified to teach one subject, like English, he should usually be eligible for certification in two so that he can qualify to teach at least five typical high school courses or units. Most of the usual high school subject matter fields are listed below along with some suggestions as to preparation for teaching them.

Business Education. The typical or average high school offers one or more courses in shorthand, typewriting, bookkeeping and sometimes general business. Students who wish to teach these subjects will need at least forty-five

semester hours in Secretarial Studies and Business. Prospective teachers should take the alternate concentration in Business in order to qualify to teach in this area.

English. English is usually taught in every grade of the public high schools. The courses in high school English consist of oral and written composition, grammar, and literature. Some schools offer additional elective courses in speech, journalism, and dramatics. In order to teach English in the high schools, the student should take not less than twenty-four semester hours in English. About half of this amount should be in composition, speech, and grammar and about half in literature.

Foreign Language. One or more modern foreign language is frequently taught in high school. A student desiring to teach language should take at least eighteen semester hours in each language that he desires to teach. Since the average high school frequently provides only two to four units in one language, the student should consider a combination of the language of his choice with some other subject such as English or history.

Home Economics. Most high schools provide two to four years of work in either general or vocational home economics. Since general home economics has given way in most schools to vocational, Bridgewater College recommends the B.S. in Home Economics degree program for all who desire to teach home economics.

Mathematics. General mathematics, algebra, and plane geometry are the types of mathematics taught in the average high school. A few high schools provide some work in the more advanced forms of mathematics. A major of eighteen to twenty-four semester hours in mathematics can usually be regarded as adequate preparation in the field. A major in mathematics with a minor in one or more of the physical sciences assures the teacher of a sufficiently broad teaching field.

Music. The amount and kind of music taught in the high schools varies widely. A typical high school program of music would likely consist of some mechanics of music, some appreciation and some applied work. Applied music, consisting of choral groups, band and orchestra, usually receives greatest emphasis. While the B.S. degree in music education provides the training desirable for a supervisor of music as well as a teacher of high school music, a major in music with a minor in some academic area like English would often be advantageous since many high schools cannot use a full time teacher of music.

Natural Science. General science, biology, chemistry, and physics are the sciences usually taught in high schools. General science and biology are frequently required of all students. Chemistry and physics are usually electives. Instead of preparing to teach one of these sciences the student should in most cases prepare to teach all of them. Those desiring to teach

general science must as a general rule take a year course each in biology, chemistry and physics. A concentration in science similar to that recommended for pre-medical students at Bridgewater would approach the pattern desired for the teacher who would like to be qualified to teach all of the sciences offered by the high school. Students who do not care to teach in such a broad area of science should consider a combination of biological science with health, hygiene, safety, and physical education or a combination of physics, chemistry and perhaps other physical sciences with mathematics. A major in biology and a minor in physical education would be a suitable concentration in the first case and a major in chemistry with a minor in mathematics and perhaps a second minor in physics would be a suitable one in the second case.

Physical Education. Increasing emphasis is being placed on physical and health education in high school. Most schools now require some form of physical and health education in each year of the high school. The requirements for certification in this area average about twenty-four semester hours. Bridgewater College recommends that students who want to qualify to teach physical and health education including safety should take a major in health and physical education and a minor in biology or a major in biology with a minor of twenty-four hours in health and physical education. The major or minor in biology would not only provide an additional subject to teach but also a desirable background for the health emphasis in physical education.

Social Science. Some form of social science including history is usually taught in every grade of the public school. Geography, World History, U. S. History, and combinations of government, economics, sociology, and other social sciences constitute the essential subject matter. The high school social science teacher should have training in all of these areas. At least twelve hours of history including both European and American and at least twelve hours of government and economics, should be regarded as a minimum. At Bridgewater College, the student should take a major in history and a minor in each of two social sciences or a major in social science and a minor in history as his preparation for teaching in this area.

SUGGESTED CURRICULUM FOR HIGH SCHOOL TEACHERS

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 1	3	English 2	3
Mathematics 1 or 3	3	Mathematics 2 or 4	3
Foreign Language	3	Foreign Language	3
Chemistry 1	4	Chemistry 2	4
Bible 1	3	Bible 20	3
Physical Education 1	1	Physical Education 2	1
	<hr/> 17		<hr/> 17

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 20	3	English 21	3
Foreign Language	3	Foreign Language	3
Chemistry, Biology or Physics ..	4	Chemistry, Biology or Physics ..	4
History 22	3	History 23	3
Religion 20 or Psychology 20	3	Psychology 20 or Religion 21	3
Physical Education 20	1	Physical Education 21	1
	<hr/> 17		<hr/> 17

JUNIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Economics, Government, or Sociology	3	Economics, Government, or Sociology	3
Major Subject	3	Major Subject	3
Minor Subject	3	Minor Subject	3
History and Philosophy of Education	3	Principles of Secondary Education	3
*Educational Psychology	3	Directed Electives	3-5
*Personal and Community Hygiene	2		
	<hr/> 17		<hr/> 15-17

SENIOR YEAR			
<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
Major Subject	3	Major Subject	3
Minor Subject	3	Minor Subject	3
*Supervised Teaching	6	Directed Electives	9
*Principles of Teaching	3		
	<hr/> 15		<hr/> 15

Procedure in Obtaining a Certificate to Teach

As stated above the requirements for certification are prescribed by each state. The student preparing to teach in a given state is advised to keep in close touch with the requirements in his state as he progresses through his course. Not later than the beginning of his junior year, the student should ascertain by conference with the education staff the requirements and how best to meet them.

Near the end of the training period, the student should file application for a certificate. This should be done at the Registrar's Office where all supporting data will be provided.

TWO-YEAR COURSES

The course of study leading to the Bachelor of Arts degree has long been regarded as the ideal preparation for citizenship, but some young people who desire to continue their education beyond the high school may not care to attend college for four years. A shorter course of study would be better suited to their needs. By an arrangement of subjects somewhat different from that followed in the first two years of the regular four-year course, it is possible to outline a two-year course of study that will serve the purpose of these students in a very satisfactory manner.

A certificate will be granted to those who complete with an average grade of C either of the curricula outlined below. Students interested in obtaining the certificate upon completion of one of these programs should confer with the head of the department concerned and the Dean of the college.

*These courses will be offered both first and second semesters. The student may take them in the semester that suits his program best. However, Supervised Teaching and Principles of High School Teaching must be taken simultaneously.

CURRICULUM FOR CHURCH LEADERSHIP TRAINING

Completion of this curriculum with a grade of C or better will qualify the student for a certificate granted by the Christian Education Commission of the Church of the Brethren and also by Bridgewater College.

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 1	3	English 2	3
Bible 1	3	Bible 20	3
Religion 20	3	Religion 21	3
Psychology 20	3	Psychology 51	3
Foreign Language or Directed Elective	3	Foreign Language or Directed Elective	3
Physical Education 1	1	Physical Education 2	1
	—		—
	16		16

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 20	3	English 21	3
Foreign Language or Directed Elective	3	Foreign Language or Directed Elective	3
History 22	3	History 23	3
Religion 50 or 52	3	Psychology 52	3
Audio-Visual Education	2	Elective	3
Elective	3	Physical Education 21	1
Physical Education 20	1		—
	—		—
	18		16

CURRICULUM FOR SECRETARIES

Students who complete this curriculum with a grade of C or better will be granted a certificate by Bridgewater College. See the regulations under Secretarial Studies, page 85, governing credit in Typewriting and Shorthand.

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 1	3	English 2	3
Bible 1	3	Bible 20	3
Math 3	3	Math 4	3
Secretarial Studies 5	2	Secretarial Studies 6	2
Secretarial Studies 7	3	Secretarial Studies 8	3
Elective	2-3	Elective	2-3
Physical Education 1	1	Physical Education 2	1
	—		—
	17-18		17-18

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 20	3	English 21	3
Psychology 20	3	Business 26	3
Secretarial Studies 21	2	Secretarial Studies 22	2
Secretarial Studies 23	3	Secretarial Studies 24	3
Secretarial Studies 25	2	Secretarial Studies 26	2
Directed Elective	3	Directed Elective	3
Physical Education 20	1	Physical Education 21	1
	<hr/> 17		<hr/> 17

CURRICULUM IN BUSINESS AND ECONOMICS

This curriculum is very similar to the first two years of the four year curriculum leading to the B.S. degree in Business Administration. While a certificate will be granted upon completion of this curriculum, provided application is made by the beginning of the second year, students are urged to continue in college and complete the requirements for the degree in Business Administration. Proficiency in typing is also required for the certificate.

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 1	3	English 2	3
Chemistry or Biology	4	Chemistry or Biology	4
Mathematics 3	3	Mathematics 4	3
Bible 1	3	Bible 20	3
Business 22	3	Business 25	3
Physical Education 1	1	Physical Education 2	1
	<hr/> 17		<hr/> 17

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Sem. Hrs.</i>		<i>Sem. Hrs.</i>
English 20	3	English 21	3
Business 20	4	Business 21	4
Economics 20	3	Economics 21	3
History 22	3	History 23	3
Directed Elective	3	Directed Elective	3
Physical Education 20	1	Physical Education 21	1
	<hr/> 17		<hr/> 17

FINANCIAL INFORMATION

COLLEGE EXPENSES

It is the aim of Bridgewater College to keep expenses to the lowest possible figure consistent with superior quality in education, however the college reserves the right to increase rates at the beginning of any semester, if financial conditions justify change.

The minimum academic expense for the year for regular students is \$390.00 which covers registration, tuition for 15 hours each semester, library privileges, admission to lyceum course and athletic games, subscription to B. C. Bee and Ripples, accident insurance and services of college nurse and doctor for resident students.

Tuition costs are based on a charge of \$10.50 per semester hour. A minimum of \$157.50 for tuition will be charged all students carrying 12-15 hours. All students carrying 9 hours or more will be expected to pay the full amount of regular fees.

All students not living at home or with close relatives must live in the college dormitories and board at the college dining hall. The board rate for the session will be \$280.00. The average room rate will be \$110.00 for the session, thus making the total minimum charges for boarding students \$780.00 for the year.

ESTIMATED MINIMUM EXPENSE

(Not including books, laboratory fees or private instruction.)

	<i>Semester</i>	<i>Year</i>
Tuition (15 hours per semester)	\$157.50	\$315.00
Regular Fees:		
Registration	5.00	10.00
Student Activity	16.50	33.00
Library	6.00	12.00
Infirmary (Dormitory students)	5.00	10.00
Maintenance (Day students)	5.00	10.00
Accident Insurance	5.00	10.00
Board in college dining hall	140.00	280.00
Room in dormitory (Average)	55.00	110.00
Minimum for boarding students	\$390.00	\$780.00
Minimum for day students	\$195.00	\$390.00

Note: The recommended load for freshmen and sophomores is 17 hours per semester; juniors and seniors 15 hours per semester.

SCHEDULE OF PAYMENTS

	<i>Boarding Students</i>	<i>Day Students</i>
First Payment—On Registration Day	\$200.00	\$100.00
Second Payment—On or before November 15	190.00	95.00
Third Payment—		
On or before Registration Day, Jan. 28th	200.00	100.00
Fourth Payment—On or before April 1	190.00	95.00

Credit allowed for scholarships, discounts or work grants will be deducted from the second and fourth payments. Laboratory fees, private music instruction and other special fees will be added to the second and fourth payments. Itemized accounts will be presented at least two weeks before the second and fourth payments are due.

Make all checks payable to Bridgewater College.

All unpaid student accounts become delinquent after 90 days from registration and are subject to a service fee charge. A student whose account is outstanding at close of semester, will not be eligible for final examinations until satisfactory arrangements have been made with the treasurer of the college.

Students who cannot conform to the above schedule must work out a satisfactory plan of payments with the treasurer of the college prior to registration. A Service Fee of \$5.00 per semester will be charged for special handling of accounts.

Refunds—If it is necessary for a student to withdraw from college for reasons approved by the dean of the college, the cost of room and board will be adjusted by the treasurer. When withdrawal is made upon the recommendation of the college physician, one-half of the remaining tuition will also be refunded. No regular fees or laboratory fees will be refunded for any cause following the first two weeks of a semester. No rebate is granted to a student who is dismissed from college for moral reasons. When it is necessary for a student to be absent for two or more consecutive weeks and the dietitian is notified of such absence, \$5.00 per week will be allowed, upon request, provided the request is made within two weeks after the absence has occurred.

Accident Insurance—The regular fees include an insurance policy for every student registering as a regular student. This policy is with the North American Assurance Society of Virginia and pays all medical expenses incurred as the result of an accidental bodily injury up to \$1000.00 for each and every separate accident. This insurance is written for a 12 month period and will pay as stipulated regardless of any other insurance the student may carry, and regardless of where the student may be when injured.

Explanation of Special Fees and Charges

In addition to regular fees included in the minimum expense estimate which are required of all students in college there are other fees which apply to individual students.

An Admission Fee of \$5.00 is required of each new student entering college. It must accompany application for admission. It is non-refundable, unless the applicant is refused admission.

Room Rates. All room rates quoted prevail only when there are two students sharing the same room. When a student is permitted to occupy a

room alone there will be an additional charge of \$15.00 per semester. Following is a schedule of room rates:

Blue Ridge Hall—connecting bath	\$65.00 per semester.
Blue Ridge Hall—other rooms	55.00 per semester.
Rebecca, Yount & Wardo	55.00 per semester.
North Hall & Annex	50.00 per semester.

The College Book Store handles books and supplies on a cash basis. Each student should figure approximately \$50.00 for necessary expense for books and supplies for the year. Students are not permitted to purchase books on account.

Graduation Fee of \$10.00 is payable on March 15 prior to graduation. It covers the cost of diploma and the rental of academic costume. Of this fee \$1.50 is refunded when the latter is returned to the book store. Students receiving certificates will be charged \$3.00.

A Late Registration Fee of \$5.00 is charged for failure to register during the designated period for registering. This fee may be waived by the Dean of the College for illness or for an emergency.

An Audition of a Course, when permission is granted by the Dean of the College, will be charged at the rate of \$5.00 per semester hour.

A Re-examination Fee of \$1.00 is charged for each subject in which a student must take a re-examination.

A Transcript Fee of \$1.00 is charged for each transcript subsequent to the first one issued.

A Trunk Delivery Fee of 50c is charged to deliver trunk to or from local station.

A Room Key Deposit of \$1.00 is required of each student desiring to carry a key to his room. The deposit is refunded when the key is returned to the Treasurer's Office.

A Glee Club Fee of \$1.00 per semester is charged those students who become members of the College Glee Club. This money is used for the expenses of the Glee Club.

Private Instruction In Music is available to the students at the following rates per semester:

Piano, Voice, String and Wind Instruments	
One lesson per week	\$30.00
Two lessons per week	50.00
Pipe Organ	
One lesson per week	30.00
Rental on pianos for practice	
Piano students (one hour periods)	3.00
Voice students (one half hour periods)	2.00

Rental of Organ for practice	
Four hours per week	20.00
Musical Instrument rent	
Use of instrument per semester	3.00-5.00
Music 70-71 Supervised Teaching	12.50
Typewriter Rental for use in typing classes	\$ 5.00

LABORATORY FEES

Laboratory Fees are charged to cover equipment and supplies used in laboratory study. The amount of the fee varies according to the course. The listing of the fees follows:

	<i>Per Semester</i>
Biology	
20-21 Zoology	\$ 8.00
50, 51 Botany	7.50
55 Entomology	7.50
56, 57 Special Problems	7.50
60-61 Comparative Anatomy	12.00
Geology	
20, 21 General and Historical	7.50
Chemistry	
1-2 General	7.50
20 Qualitative Analysis	7.50
22 Quantitative Analysis	10.00
23 Advanced Quantitative Analysis	10.00
24 Chemistry of Foods	10.00
50-51 Organic	12.50
52, 53 Special Problems	7.50
Home Economics	
1-2 Clothing and Textiles	2.50
20, 21 Foods and Cookery	7.50
51 Advanced Foods	10.00
55 House Planning and Furnishing	2.50
57 Nutrition	3.00
60 Residence House Management—8 weeks	
Resident students	15.00
Non-resident students	95.00
66 Advanced Clothing	5.00
70 Supervised Teaching	25.00
Physics	
20 Household	3.00
50-51 General	10.00
Surveying	
55	10.00

Education

61	Measurement and Guidance	3.00
68	Supervised Teaching in Elementary Grades	25.00
70	Supervised H. S. Teaching	25.00

Art

1	Art Appreciation	1.00
24	Art for Elementary Teachers	3.00

Laboratory Breakage Deposits are charged to the accounts of students registered in certain Chemistry courses. At the end of the school year an accounting will be made and any balance will be paid to the student. The amounts of deposits charged are as follows:

General Chemistry	\$ 2.00 per semester
Organic Chemistry	7.00 per semester
Qualitative Analysis	3.00 per semester
Quantitative Analysis	5.00 per semester
Special Problems	5.00 per semester

MISCELLANEOUS BUSINESS INFORMATION

Guests—The college rates are very moderate and do not include guest privileges. The guests of students may be accommodated in college quarters for a limited time by special arrangement for a modest fee. The prevailing guest rates for meals will be charged at the dining room. All visitors at the college will be expected to pay for meals taken in the dining room unless they are issued complimentary tickets by some official of the college.

Snack Shop—The college operates a snack shop on the campus to provide sandwiches and refreshments to students and faculty. No other group of students is permitted to sell refreshments on the campus without a permit from the business office of the college.

College Infirmary. The infirmary is under the general supervision of the college nurse, whose services are available to all boarding students. Students who pay the medical fee also receive the services of the college doctor in cases of common illness. When special treatments or prescriptions are needed the student will be expected to pay for same.

Dining Hall Closed Over Holidays—The college will close the dining hall over Thanksgiving, Christmas and Spring vacations. The first meal to be served after each vacation will be the evening meal prior to the day on which classes are resumed.

Sales Representatives are not permitted to make solicitations in the dormitories except upon permission of the Administration. Students acting as sales representatives must secure a permit from the business office.

Summer School—An eight week summer session will be offered beginning June 9, 1952, and closing August 2, 1952. The rates for Summer School will be calculated on the following schedule:

Tuition	\$10.00 per semester hour
Board	64.00
Room	24.00
Student Activity Fee	2.50
Registration Fee	5.00
Library Fee	3.00
Laboratory Fees (same as regular session)	
Private Instruction (same as regular session)	
Medical Fee (for resident students)	2.50
Maintenance Fee (for non-resident students) ..	2.50

SCHOLARSHIPS AND STUDENT AIDS

Freshman Scholarships—The college will grant forty scholarships worth \$300.00 each to qualified applicants. \$200.00 will be available in the freshman year and \$100.00 in the sophomore year. Only one-half of these amounts will be available to day students. To qualify for one of these scholarships the applicant will be expected to meet each of the four standards herewith listed :

1. Rank in upper twenty-five per cent of the graduating class.
2. Rank in the upper twenty-five per cent of an aptitude test such as the American Council Psychological Examination.
3. Satisfactory health, character, and educational objective.
4. Clear and convincing evidence of need.

Junior College Graduates Scholarships—The college will grant ten scholarships worth \$100.00 each to graduates of accredited junior colleges who can qualify on the same standards listed above for freshman scholarships.

Science Talent Search Scholarships—State winners are eligible for a \$200.00 scholarship. Any student who receives honorable mention in a Science Talent Search State Contest is eligible for \$100.00 scholarship.

Senior Scholarship—The Alumni Association will award each year a scholarship valued at \$100.00 to a senior student who possesses high academic achievement, good citizenship and general merit. This student will be selected by the college faculty from a list of nominees supplied from an alumni-student committee appointed each year by the president of the Alumni Association.

Foreign Student Scholarships—The college will offer each year five scholarships to students of foreign countries. These scholarships will be for the full amount of tuition for the regular session. Applicants will be approved by a faculty committee. Foreign students receiving this aid may re-apply for this grant each year.

Maryland Scholarship Fund—The annual income from the Blue Ridge College Fund, amounting to approximately \$1800.00, is distributed to the Brethren students from Maryland on the basis of merit and need. A college committee appropriates a substantial part of this fund to help Maryland youth in their freshman year; however, students of the upper classes may apply for this aid if they have a convincing evidence of need.

Ministerial Scholarships—The college offers to all student ministers of junior and senior classification who are ordained or otherwise committed to definite ministerial service as a life work a scholarship valued at \$100.00 for each year.

Scholarships for Prospective Teachers—The Teachers' Scholarships first provided by the General Assembly in 1947 have been continued and offer \$300.00 per year for Virginia students taking certain courses in Virginia colleges which will prepare them for teaching. This scholarship will have to be repaid unless cancelled by teaching in the State of Virginia after graduation for a term of two years. This scholarship is available to students of all classification and is renewable each year. An additional scholarship of \$100.00 for selected teachers who attend summer school may be secured from the state if application is made through the Dean of the College sufficiently early in the year. For further information on these State Scholarships write to the Dean of Bridgewater College.

Agriculture Contest Winners—The college grants an amount of \$100.00 to each winner of the corn judging contest in Rockingham and Augusta Counties.

Ministers' Children Discount—A discount of \$50.00 for each year is allowed to children of active pastors. Children of other ministers may be granted some aid upon application if evidence of need is established.

Missionaries' Children Discount—A discount of \$100.00 per year is allowed to children of missionaries in active service or having active missionary status.

Self-Help Positions—The college offers aid to many worthy students in the form of work positions such as waitresses, dishwashers, janitors, library assistants, and laboratory assistants. The credit derived therefrom will be applied on the student's account on the second payment of each semester unless the account is paid in full by parents, in which case work credits will be paid in cash.

Student Loan Funds—A substantial fund has been established by numerous friends of the college to be loaned to worthy students who are especially in need of aid and whose character justifies it. The policy has been to loan up to \$150.00 to sophomores, \$200.00 to juniors, and \$250.00 to seniors. Loans are made on a low rate of interest during the time the student is enrolled in college. The student is required to apply for a loan and give a note with parent's endorsement as security for the loan. Blanks may be secured from the Treasurer of the College.

Student Rotary Loan Fund—The General Brotherhood Board annually grants a limited amount of its Rotary Loan Fund to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. Application blanks for this loan may be secured from the Treasurer of the College.

Procedure in Securing Aid: Students must take the initiative in applying for scholarship and work aid. After studying the qualifications a student should be reasonably certain whether he is eligible for scholarship assistance before making formal application to the college. The college will provide blanks for prospective students to make formal application. No application for aid will be approved until the prospect has been admitted as a student. Applications for aid may accompany application for admission and be approved at the same time. All requests for blanks should be directed to the Director of Admissions.

Note: All scholarship aid will be applied to student accounts on the following schedule: one-third of the value of scholarship will apply to first semester and two-thirds will apply to the second semester. Discounts and work aid will be applied each semester as earned. A student receiving a Freshman Scholarship must maintain a satisfactory record of citizenship and academic performance to become eligible for scholarship aid in the sophomore year. No student will be allowed more than one discount or scholarship. Those who are eligible for more than one discount will be granted that which is more generous. Students receiving G. I. benefits are not eligible for other aids; however, they may be offered work positions if available.

ENDOWMENTS FUNDS

The philanthropic spirit of the constituency of the college has expressed itself in numerous and generous gifts to the endowment fund of the institution. The college has always operated on funds inadequate for its actual needs and respectfully solicits additional gifts and bequests from those interested in the cause of Christian education.

On June 30, 1951 the total endowment held by the Board was \$490,966.77. The various funds are:

General College Endowment Fund. This fund was established in 1919 by substantial gifts from the membership of the Bridgewater, Summit, Pleasant Valley, Timberville, and Mill Creek congregations of the Church of the Brethren, and was intended for the support of the general educational program of the College. Additions have been made from time to time by gifts from other sources. *Value*, \$167,310.63.

Daleville Endowment Fund. The endowment funds administered in honor of Daleville College represent generous gifts to the cause of Christian education. *Value*, \$68,000.00.

S. N. McCann Memorial Fund. This fund was raised during the summer of 1917 and dedicated to the memory of Professor Samuel N. McCann, who was an honored alumnus of the college and for many years an esteemed member of the faculty. *Value*, \$69,000.00.

S. M. Bowman Fund. This gift came to the college in 1919 by bequest from the estate of Samuel M. Bowman, for many years a friend and trustee of the institution. It constitutes the foundation for the departments of biology and agriculture, and home economics. *Value*, \$138,821.00.

Effie L. and Margaret B. Yount Memorial Fund. This fund was founded in 1919 by Mr. and Mrs. Samuel Yount, natives of Augusta Co., Va., in memory of their deceased daughters, Effie and Margaret, both of whom were alumnae of the college. The income from this fund is for the benefit of the department of music. *Value*, \$1,000.00.

Robert LeRoy Kendig Memorial Fund. This fund was established in 1919 by Elder E. David Kendig, a native of Stuarts Draft, Va., in honor of his son, Robert. It perpetuates the memory of a worthy and promising youth and student of the college, whose life came to a close prematurely, and of a devoted father and founder and trustee of the college. This fund came into the full possession of the college in 1935. *Value*, \$500.00.

Mr. and Mrs. Daniel C. Moomaw Memorial Fund. This fund represents a gift from D. C. Moomaw, a native of Roanoke, Va., for the support of ministerial education. The gift was made to Daleville College in 1921, but was not fully available until the death of Elder Moomaw in 1935.

The income from this fund was first applied at Bridgewater in 1935 at the request of the donor made prior to his death. This fund honors the memory of a distinguished church leader and his faithful wife. *Value*, \$10,000.00.

Roy Samuel Smucker Memorial Fund. Founded in 1919 by Mr. and Mrs. C. J. Smucker, of Timberville, Va., in memory of their son, Roy Samuel Smucker. *Value*, \$3,000.00.

William Long Sanger Memorial Fund. Established in 1919 by Mr. and Mrs. Charles D. Sanger, Washington, D. C., in memory of their son, William Long Sanger. *Value*, \$2,000.00.

David Howard Myers Memorial Fund. Founded in 1919 by Mr. and Mrs. W. A. Myers in memory of their son, David Howard Myers. *Value*, \$455.21.

Sarah Catherine Driver Memorial Fund. Founded in 1919 by Elder John F. Driver, Timberville, Va., in memory of his wife, Sarah Catherine Driver. *Value*, \$600.00.

Hattie Susan Good Memorial Fund. Established in 1919 by Mr. and Mrs. D. M. Good, Goods Mill, Va., in memory of their daughter, Hattie Good. *Value*, \$500.00.

Rebecca M. Driver Memorial Fund. This fund perpetuates the memory of a great and good woman. Mrs. Driver was a native of Timberville, Va. This fund was established in 1919. *Value*, \$1,000.00.

Mr. and Mrs. John Bane Memorial Fund. This fund was established in 1927 by John and Olive Bane, of Burlington, W. Va., in memory of their parents, John and Fannie M. Bane. *Value*, \$1,000.00.

Elder John Kline Memorial Fund. This fund was established in 1939 to honor the memory of a great minister, missionary, leader, and martyr of the church. The fund is for the support of the Chair of Bible and Religion in the college and is being sponsored by the congregations of the Church of the Brethren in the South. *Value*, \$6,668.82.

J. A. and Kittie Danner Hoover Scholarship. This fund was founded by Mr. and Mrs. Hoover in 1917 to help bear the tuition expense of "some worthy young person preparing for useful service in the church." *Value*, \$2,000.00.

Mrs. Laura Catherine Lam Craun Memorial Scholarship. This scholarship was founded in 1912 by Mr. and Mrs. Robert S. Craun. In 1923 it was designated by Mr. Craun as a memorial to his deceased wife, who was a devoted friend of Christian education. *Value*, \$1,000.00.

Cora Bane Martin Fund. This fund was established in 1929 by bequest from the estate of Cora Bane Martin of Burlington, W. Va. *Value*, \$850.00.

Class Loyalty Fund. This fund was established in a general endowment fund for the purpose of creating an operating reserve. The fund receives gifts from classes and alumni and has been appropriately named by official action of the trustees of the college. The income is held intact for emergencies subject to special appropriation by the Board of Trustees. Each class, since this movement of class gifts was established in 1930, the semi-centennial year of the college, has at the time of graduation added its link to what the Alumni Association hopes may be an endless chain. The value of each class fund is indicated below:

Class of 1901	\$330.00	Class of 1936	146.29
Class of 1914	116.00	Class of 1937	100.00
Class of 1922	122.00	Class of 1938	137.31
Class of 1926	105.50	Class of 1939	130.87
Class of 1927	118.08	Class of 1940	103.21
Class of 1930	416.16	Class of 1941	128.50
Class of 1931	533.59	Class of 1942	100.00
Class of 1932	513.57	Class of 1943	126.00
Class of 1933	316.87	Class of 1944	100.00
Class of 1934	111.50	<i>Total, including ac-</i>	
Class of 1935	186.47	<i>crued interest</i>	<i>\$5,286.21</i>

Edward Lukens Scholarship Fund. This fund was established in 1940 by bequest from the estate of Mr. C. Edward Lukens of Randolph Co., W. Va. It perpetuates the memory of a business man who found in the college an effective and appropriate medium for expressing his philanthropic purposes. The income of this fund is available for the aid of young people from his native state. *Value, \$3,535.94.*

James K. Wright Fund. This fund represents the proceeds from the sale of the James K. Wright Cottage, which was a donation to the college in 1916, and is hereby established to commemorate the memory of a devoted benefactor of the college. *Value, \$7,750.00.*

John A. Garber Memorial Fund. Founded in 1951 by members of the Bible Class that Dr. Garber taught for many years in the nation's capitol, this gift honors a Bridgewater alumnus, class of 1891, through a permanent fund, the income to be used to purchase religious books for the college library. It memorializes an outstanding Bible teacher and Christian scholar. This fund is open to further gifts. *Value, \$688.96.*

LOAN FUNDS

The total value of the loan funds held by the College as of June 30, 1951 was \$18,546.69.

Mr. and Mrs. John L. Driver Fund. This fund was established in 1919 by Mr. and Mrs. Driver of New Hope, Va., as a loan fund for worthy students. *Present value, \$1,099.11.*

Arthur B. Miller Memorial Fund. This fund was established January 1, 1937, by Mrs. Lera W. Miller as a memorial to her husband, who was a graduate of the college, Class of 1910, and an able and faithful pastor of the Church of the Brethren. A portion of the income is used to train native leaders on the foreign mission field and is applied through the General Mission Board of the Church of the Brethren. *Present value, \$1,097.27.*

Student Loan Fund. This fund has been developed over a period of years by small gifts from college classes, faculty members, and friends of the college. *Present value, \$3,079.37.*

Mr. and Mrs. Fred C. Wampler Loan Fund. In order to help young people of character, ability, and industry secure the advantages of higher education, this fund was established in 1940 by those friends of the college and of youth whose name it bears. *Value, \$4,566.44.*

Stone-Watts Student Loan Fund. This fund was established in 1942 by a patron of Christian education, a friend of youth, and an alumnus and benefactor of the college. The fund honors two worthy families which the donor desires to memorialize in a tangible and perpetual service to youth. *Value, \$2,500.00.*

John A. Dove Student Loan Fund. This fund was established in 1942 by Mrs. Lula Huff Dove as a memorial to her husband, the late J. A. Dove, whose aggressive leadership and long years of service in the cause of Christian education endeared him to the friends and patrons of both Bridgewater and Daleville Colleges. The fund perpetuates one of the great life purposes of both Mr. and Mrs. Dove—encouragement and helpfulness to promising youth. *Value, \$3,017.17.*

John F. Wampler Fund. This fund was established in 1940 by Mr. and Mrs. John F. Wampler as a loan fund for worthy students. *Value, \$1,087.33.*

Catherine Glick Miller Memorial Loan Fund. This fund was established in 1945 by Barbara J. Miller, Arlington, Va., Class of 1916, as a memorial to her mother, Catherine Glick Miller, whose kindly and self-sacrificing spirit, whose unwavering devotion to her family and to her church, and whose interest in young people were a benediction to all who knew her. The principal is available as a loan fund to worthy students. *Value, \$1,000.00.*

I. D. Driver Loan Fund. This fund was established in 1949 by Mr. I. D. Driver as a loan fund for worthy students. *Value, \$500.00.*

Anna Lee Carter Houff Memorial Loan Fund. This fund was established in 1950 by Mrs. D. L. Carter as a memorial to her daughter. As a devoted mother, Mrs. Houff created a Christian home that helped to lead her two sons into the ministry. *Value, \$600.00.*

Minnie Wampler Loan Fund. This fund was established in 1951 through the estate of Minnie Wampler who attended Bridgewater in 1904. Nieces and nephews of Minnie Wampler are given considered preference. Miss Wampler was deeply interested in mission work and in helping young people train for Christian service. *Value*, \$2,790.50.

BLUE RIDGE COLLEGE SCHOLARSHIP AND LOAN FUND

The liquidation of the Blue Ridge College assets in 1944 left a substantial surplus in the hands of the Church of the Brethren in Maryland for educational purposes. In 1945, under instructions of the Court and by action of the district conferences in Maryland, these funds were transferred to the General Education Board of the Church of the Brethren. They are now in the general custodianship of that Board, but they are being administered, by action of that Board, by the trustees of Bridgewater-Daleville College for the special benefit of Brethren youth in the State of Maryland, *Value*, \$44,861.52.

The above funds have been dedicated as memorials to benefactors of Blue Ridge College:

Maryland Educational Fund. This fund honors the many friends of Christian education who founded and supported Blue Ridge College, at Union Bridge, Md., and later at New Windsor, Md. for nearly half a century in its ministry to the youth of the church. The income is available for the education of Brethren youth of Maryland who give promise of Christian leadership and are eligible on the basis of financial need. *Value*, \$24,861.52.

Stoner-Roop Memorial Fund. This fund perpetuates the memory of Anna Roop Stoner and her husband, Jacob Stoner, both of whom gave generously of their time, talent, and substance to the cause of Christian education as benefactors of Blue Ridge College. The fund represents substantial bequests from their estate and was established in 1945 by action of the district conferences of Maryland with the concurrence of the General Education Board. The income is available as a scholarship fund for worthy young people of the Church of the Brethren from Maryland who give evidence of Christian leadership and are in need of financial assistance with their education. *Value*, \$20,000.00.

COURSES OF INSTRUCTION

Courses numbered 1-19 are freshman courses, those from 20-49 are sophomore or junior courses, and those from 50 upward are junior and senior courses.

Courses bearing a compound number (*e. g.*, 20-21) are year courses, and no credit will be allowed for the completion of the work of one semester. Courses bearing a double number (*e. g.*, 20, 21) are also year courses, but credit is allowed in semester units. In such courses, however, the work of the first semester may be prerequisite for the work of the second semester.

DIVISION I—LANGUAGE, LITERATURE AND ART

PROFESSOR ANDES, Chairman

ART

INSTRUCTOR GRAHAM

When there is sufficient demand to justify it, private instruction is offered in the various branches of art. The work offered includes oil, pastel, crayon, water color, china, and public school art.

1. Art Appreciation. This course aims primarily to give an understanding of and an appreciation for the art of all ages. The main emphasis will be upon painting, but sculpture and architecture will be considered. The final part of the course will be devoted to art as it functions in modern life.

First semester, three hours.

24. Art for Elementary Teachers. A brief course planned for grade teachers to enable them to become efficient in simple design drawing, color, construction, and appreciation.

Second semester, two hours.

ENGLISH

PROFESSOR MAY, ASSISTANT PROFESSORS PRYOR, TRUXAL

English 0. Basic English. A course designed primarily to give students who are weak in basic English an opportunity to increase their vocabulary, to become more proficient in reading, to develop more skill in the use of modern English grammar, and to add to their expertness in organizing ideas. Required of all freshmen who score below the standard for the nation on a recognized English proficiency test administered when the student enrolls.

First Semester, no credit.

English 1, 2. Composition and Rhetoric. A course designed to give instruction and practice in reading efficiently and in speaking and writing clearly and effectively, to introduce the study of literature and literary forms, to give training in accepted college research methods, and to supply elementary training in the art of public speaking. Entering freshmen scoring among the upper twenty-five per cent for the nation on a standard proficiency English test will be excused from English 1. A more advanced English course will be substituted for English 1.

Each semester, three hours.

20, 21. Masterpieces of Literature. A searching examination of the method and content of some of the classics of antiquity and modern times, including both intellectual and imaginative works.

Each semester, three hours.

51, 52. Survey of English Literature. A study of the more important works of English literature from *Beowulf* to modern times. Admission by consent of the instructor. *Alternate years; offered 1952-53.*

Each semester, three hours.

53. Shakespeare. A careful study of selected plays of Shakespeare, together with supplementary reading in and reports on the Elizabethan age and its drama.

First semester, three hours.

54, 55. Survey of American Literature. A study of the major American authors from colonial times to our own, with special emphasis on works reflecting aspects of our American heritage. *Alternate years; offered 1953-54.*

Each semester, three hours.

56. English Drama. A detailed reading of the best English plays from the birth of the drama in England to the twentieth century, exclusive of Shakespeare. *Alternate years; offered 1953-54.*

Second semester, three hours.

57. The English Language. An investigation of the growth and structure of the English language, with special attention to word values and historical English grammar. *Alternate years; offered 1952-53.*

First semester, three hours.

58. English Novel. A reading of the more important English and American novels from the eighteenth century to the present. *Alternate years; offered 1952-53.*

Second semester, three hours.

59. Journalism. An opportunity for news writing and for studying journalistic practices and methods.

First semester, two hours.

60. **Creative Writing.** A course designed for those who have unusual interest and ability in writing. Admission by consent of the instructor.

Second semester, two hours.

61. **The Second Romantic Revival in England.** Studies of selected writings of this period in English literature with especial emphasis upon the masterpieces of Coleridge, Wordsworth, Byron, Shelley and Keats. *Alternate years, offered 1953-54.*

First semester, three hours.

SPEECH AND DRAMATICS

20. **Fundamentals of Speech.** A study of the use of the voice and body in conversation and speech situations. Particular emphasis is given to the effective use of the voice and to the correction of poor speech habits. Practice under constructive criticism is the foundation of the course.

First semester, three hours.

21. **Public Speaking.** A continuation of Speech 20. A thorough study of methods of preparing speeches, gathering material, and achieving effective speech style in formal speech situations, including oratory, group panel discussion. Prerequisite: Permission of the instructor.

Second semester, three hours.

50. **Principles of Oral Interpretation.** Practice in the analysis and interpretation of written matter. An effort to gain the ability for passing on to others, by word of mouth, whatever is good and worth while in the field of literature.

First semester, three hours.

51. **Elements of Play Production.** Consideration of stage composition, picturization, rhythm, and pantomime. Practice in interpretation. Fundamentals of staging, lighting, and make-up.

Second semester, three hours.

MODERN LANGUAGE

PROFESSORS ANDES, ENSS, ASSISTANT PROFESSOR BASTA

1-2. **Elementary French.** During the first semester the emphasis is upon grammar, pronunciation, and composition. During the second semester the emphasis is upon conversation and reading of easy texts.

Six hours.

20-21. **Second Year French.** Rapid review of grammar, conversation, and intensive reading from standard French authors. Some contact is made with the major literary figures of France. Prerequisite: French 1-2, or two years of high school French.

Six hours.

50-51. **Elementary Survey of French Literature.** Excerpts from the masterpieces of French literature are read and studied. Literary movements are covered in lectures and supplementary reading. Conducted partly in French. Prerequisite: French 20-21.

Six hours.

52. **French Drama.** Reading and study of representative plays from liturgical drama of the medieval period down through *Cyrano de Bergerac*. Molière, Racine, and Corneille are studied intensively. Conducted partly in French. Prerequisite: French 50-51, or permission of the instructor. (Offered on demand.)

First semester, three hours.

53. **The French Novel.** Reading and study of the representative works of this genre, beginning with *L'Astrée* and ending with the novels of Anatole France. Emphasis is given the nineteenth century writers, Stendhal, Balzac, Flaubert, Daudet, Zola, etc. Conducted partly in French. Prerequisite: French 50-51, or permission of the instructor. (Offered on demand.)

Second semester, three hours.

60, 61. **Independent Study in French Literature.** This course includes a research paper each semester and reading of assigned works. A regular examination will be given. Admission by permission of the dean and instructor.

Each semester, three hours.

GERMAN

1-2. **Elementary German.** A study of the essentials of German grammar with practice in pronunciation and in reading and writing German. Also, practice in speaking.

Six hours.

20-21. **Second Year German.** Selected readings from representative classical and modern German authors. Reviews of grammar with practice in speaking and writing German.

Six hours.

50-51. **Scientific German.** Designed especially for students who contemplate medical work or graduate study in any of the special sciences. Prerequisite: German 20-21, or its equivalent. (Offered on demand.)

Six hours.

SPANISH

1-2. **Elementary Spanish.** Grammar, composition, drill in pronunciation, translation of Spanish prose. Conversation and reading of easy texts.

Six hours.

20-21. **Second Year Spanish.** Advanced grammar and composition, reading of modern Spanish prose, oral practice, introduction to Hispanic culture. Prerequisite: Spanish 1-2, or two years of high school Spanish.

Six hours.

50-51. **Elementary Survey of Spanish Literature.** Reading from the works of great Spanish writers chosen from the various periods of literature. Conducted partly in Spanish. Prerequisite: Spanish 20-21.

Six hours.

MUSIC

PROFESSOR HUFFMAN, ASSISTANT PROFESSORS WEYBRIGHT, STINEBAUGH, COOL, MARSHALL, INSTRUCTORS BOWMAN, (MRS.) STINEBAUGH, ESHLEMAN

It is the purpose of the Department of Music to extend the cultural advantages of musical education to all students in order to develop an appreciation of good music and to cultivate skill in the various branches of musical art; to prepare private teachers and grade school and high school teachers and supervisors; to develop church musicians and ministers of music; to train concert and radio performers; to offer pre-conservatory courses; and to offer curricula leading to the Bachelor of Arts degree and the Bachelor of Science in Music Education degree.

The curriculum leading to the degree, Bachelor of Science in Music Education, will prepare the student to teach music in elementary and high schools, and for the position of music supervisor. For further information concerning this curriculum see pages 33, 34, and 35.

The curriculum leading to the Bachelor of Arts degree with a major in music may be pursued as a cultural objective, or as a pre-conservatory course, or as a preparation for private teaching. For further information concerning this curriculum see page 28, C.

The student who pursues the curriculum leading to the Bachelor of Arts degree with a major in music, and who elects Applied Music, as outlined on page 28 C, will be expected to present a public recital at some time in the senior year.

It is recommended that music students who are not majoring in music take approximately twice as many hours of Music Theory as Applied Music.

The student who takes a minor in music may pursue all his music courses in Music Theory, or may take eight hours in Music Theory and four hours in Applied Music. Theory courses one and two are required as a prerequisite to a minor in music.

MUSIC THEORY

1. Introduction to Harmony. A study of terms, major and minor keys, scales, intervals, and simple chord formations.

First semester, three hours.

2. Elementary Harmony. This course includes concord harmonies in which the harmonization of melodies, chord progression, and chord inversion are studied; and discord harmonies which include the seventh chords and their inversions.

Second semester, three hours.

20. Music Appreciation. Listening, with guidance, to masterpieces of music art. A study of the principles of appreciation, biographies of composers, historical backgrounds, and styles of composition. Types of music and musical structure are considered. There is some correlation of other fine arts with music.

First semester, two hours.

21. Church Music. A study of the entire field of church music with a view to the appreciation of its scope and importance. Hymnology receives considerable emphasis. Some skill is developed in creating worship services through the use of music, and in directing church music. This course will provide a practical background for an intelligent approach to church music and for efficiency in its administration.

Second semester, two hours.

22. Advanced Harmony, Form and Analysis. This course deals with modulation, altered chords, mixed chords, and inharmonic tones which include the organ-point, the suspension, the anticipation, the passing-note and appoggiatura, harmonic analysis, and structural analysis of musical forms including the sonata and polyphonic compositions.

First semester, three hours.

23. Keyboard Harmony. Harmonization at the keyboard of cadences, scales, melodies and basses. Transposition and harmonization of hymns and folk songs. Special study of modulation.

Second semester, three hours.

24, 25. Sight Singing and Ear Training. Sight singing with and without the use of syllables; recognition of scales, intervals, chords, and cadences; harmonic and melodic dictation in the major and minor keys.

Each semester, two hours.

50, 51. **History and Literature of Music.** A chronological study of the development of musical styles and literature. Particular attention is given to the individual contributions of various composers. Compositions will be played illustrating the pre-classic, classic, romantic, and modern periods.

Each semester, three hours.

52, 53. **Sight Singing and Dictation.** Advanced course. Continuation of Music 25.

Each semester, two hours.

57. **Music Methods in the Elementary School.** Selection and presentation of rote songs, the child voice in singing, problems of the score, creative activities, rhythmic training, and the listening program of grades one to six inclusive.

First semester, three hours.

58. **Music Methods in the High School.** Emphasis is placed on materials and techniques of teaching in the junior and senior high school. Evaluation of current methods in music education. Criteria for selection of materials and classroom procedure.

Second semester, three hours.

62. **String Class Instruction.** Stringed instruments will be studied with emphasis upon the violin. The student will get a working knowledge as to organization, materials, and procedure in class instruction for the public schools.

First semester, two hours.

63. **Brass Instruments.** A practical methods course in the teaching of all standard brass instruments in use in public school organizations.

First semester, two hours.

64. **Wood Wind Instruments.** A practical methods course in the teaching of all standard wood wind instruments in use in public school organizations.

Second semester, two hours.

65. **Percussions.** This course enables the student to gain a knowledge of the percussion instruments.

First semester, one hour.

66. **Conducting.** This course includes both choral and instrumental conducting. A study is made of the elements of conducting, use of the baton, score reading, the organization of choruses and orchestras, and suitable materials for these organizations.

First semester, two hours.

67. **Orchestration.** A study is made of the instruments of the orchestra as to their classification, range, fingering, tone-color, and their general use in the orchestra. The course provides for the writing and arranging of music for each instrument.

Second semester, two hours.

70-71. Supervised Teaching. This course includes individual and group observations in the public school, instructional planning, and practice teaching under supervision.

Six hours.

APPLIED MUSIC

One lesson per week for one semester, accompanied by the required amount of practice is given one semester hour's credit. Two lessons per week, for one semester, accompanied by the required amount of practice are given two semester hour's credit. All students who are sufficiently advanced will be given opportunity to appear in public concerts and recitals.

Piano. One or two half-hour private lessons and four or eight hours practice weekly.

Each semester, one or two hours.

Voice. One or two half-hour private lessons and four or eight hours practice weekly.

Each semester, one or two hours.

Violin and Wind Instruments. One or two half-hour private lessons and four or eight hours practice weekly.

Each semester, one or two hours.

Pipe Organ. One or two half-hour private lessons and four or eight hours practice weekly.

Each semester, one or two hours.

Students of piano will be accepted at any time and at any stage of progress, and will be advanced as rapidly as consistent with thoroughness. Students will be given a thorough foundation in technical mastery of the instrument, and will study a wide range of compositions including the classics and Romantic and modern works. The course of study will be made practical and adapted to the needs of the student and integrated with his program of studies as a whole.

The grade of work in voice training and solo singing as in piano study is adapted to individual needs, and students are advanced as rapidly as their progress will permit. Even though the student possesses a naturally good voice, training is necessary to develop the voice to its highest efficiency and to enable the singer to interpret the masterpieces of song and literature with musical intelligence and authority.

Throughout the course emphasis will be placed on pure vowels, range and power, diction, pleasing quality, correct breathing, and ease of production.

From the beginning songs will be studied to insure taste and refinement in the singer, and to develop those emotional, imaginative, and intellectual qualities of the personality which are so essential to a fine interpretative ability.

Instruction is offered in violin and other stringed instruments in which there is sufficient demand to justify it. Instruction is also offered in all wind instruments. Students in this department are eligible for membership in the college orchestra after they have acquired sufficient proficiency to enable them to profit by orchestral experience.

Instruction in pipe organ provides a thorough foundation for the training of the church and concert organist, as well as contributing to a well rounded musical education for the student. For recital purposes the larger works of Bach, Handel, Mendelssohn, Guilman, and Vierne, as well as the shorter pieces by Yon, Dupre, and Russell are used.

Students beginning the study of the organ should be able to play Bach Two-part Inventions or should have the equivalent of five years' study in piano.

DIVISION II—NATURAL SCIENCES AND MATHEMATICS

PROFESSOR JOPSON, *Chairman*

AGRICULTURE

PROFESSOR JOPSON

50. **Horticulture.** A consideration of the conditions and practices necessary to profitable fruit farming: location, soil conditions, climate, varieties, planting, cultivation, pruning, spraying, harvesting, storing, marketing of commercial fruits. Some consideration is given to ornamental plants. *Offered on demand.*

First semester, two hours.

BIOLOGY

PROFESSOR JOPSON, ASSOCIATE PROFESSOR SILLIMAN

20-21. **Zoology.** The fundamentals of animal biology and a review of the animal kingdom. Lectures and laboratory work, with recitation. Required of all biology majors. Two hours lecture; four hours laboratory.

Eight Hours.

22. **Elementary Human Physiology.** An introduction to human anatomy and the functions of the human body. Open to Home Economics students only. *Alternate years; offered 1952-53.*

First semester, three hours.

50. **Botany I.** The morphology and physiology of representative plants. Laboratory work parallels the class studies. Required of all biology majors. Two hours lecture; four hours laboratory.

First semester, four hours.

51. **Botany II.** A survey of the plant kingdom. Laboratory work parallels the class studies, and work is done with the trees and spring flowers of the region. Two hours lecture; four hours laboratory.

Second semester, four hours.

52. **Genetics.** An introduction to the principles of biological inheritance. Required of all biology majors. Prerequisites: Biology 20-21 or 50. *Alternate years; offered 1952-53.*

Second semester, three hours.

53. **Physiology.** A study of the functions of the human organism, and the relationship of structure and function to environment. Prerequisite: Biology 20-21. *Alternate years; offered 1953-54.*

First semester, three hours.

55. **Entomology.** The study of insects. Particular emphasis is placed on species important to agriculture. One hour lecture; four hours laboratory. *Alternate years; offered 1953-54.*

Second semester, three hours.

56-57. **Special Problems.** Field and laboratory studies of biological material, individual or in small groups for advanced students under the guidance of the instructor. Prerequisite: At least one year of college biology and the permission of the instructor. Four to eight hours laboratory.

Each semester, two to four hours.

58. **Introduction to Microbiology and Bacteriology.** A general course in bacteriology, with emphasis on the biology of bacteria and their relation to water and milk supplies, food preservation, and public health. A course for students in pre-medicine, home economics, pre-nursing, and technicians. *Alternate years; offered 1952-53.*

Second semester, three hours.

60-61. **Vertebrate Anatomy and Embryology.** A comparative study of the origin and structure of the major organ systems of the vertebrate body. Two hours of lecture and discussion with five hours of laboratory work each week.

Eight hours.

CHEMISTRY

ASSOCIATE PROFESSOR HEISEY, ASSISTANT PROFESSOR CLAGUE

1-2. **General Chemistry.** A study of the principles of general chemistry with reference to the properties of the metals and non-metals. Two hours lecture and a minimum of four hours of laboratory.

Eight hours.

20. **Qualitative Analysis.** Theories and practices of Qualitative Analysis with emphasis on problems. Two hours of lecture and a minimum of four hours of laboratory. Prerequisite: Chemistry 1-2.

First semester, four hours.

22. **Quantitative Analysis.** Theories and introduction to practices of Quantitative Analysis including volumetric, gravimetric, and colorimetric analysis. Two hours of lecture and a minimum of four hours of laboratory. Suggested prerequisite: Chemistry 20.

Second semester, four hours.

23. **Advanced Quantitative Analysis.** Advanced techniques and instrumental methods of Quantitative Analysis. Two hours of lecture and a minimum of four hours of laboratory. Prerequisite: Chemistry 22.

First semester, three hours.

24. Organic and Food Chemistry. For the student in home economics. A brief introductory study of the carbon compounds and their derivatives with special reference to the chemistry of foods and cookery. Two hours lecture and a minimum of four hours laboratory. *Alternate years; offered 1953-54. Second semester, four hours.*

50-51. Organic Chemistry. A lecture and laboratory course dealing with the principles of organic chemistry. Three hours lecture and a minimum of four hours laboratory.

Ten hours.

52, 53. Special Problems. Minor investigations in the field of chemistry involving laboratory and library work. Open only to students majoring in chemistry and with permission of the instructor. Four to eight hours laboratory each week. *Each semester, two to four hours.*

54-55. Physical Chemistry. A survey of theoretical chemistry from the standpoint of kinetic theory and the laws of thermodynamics. The second half of the course deals with kinetics, conductance, ionic equilibria, etc. Prerequisites: Chemistry 20-22, and Mathematics 50-51. Three hours lecture and assigned problems each week. *Alternate years; offered 1952-53. Six hours.*

Prerequisite: Chemistry 1-2 is prerequisite to all other chemistry courses.

GEOLOGY

PROFESSOR JOPSON

20. General Geology. A general consideration of the science: the composition and structure of the earth, the forces acting upon it and the resultant surface features. Special reference is made to North America, and particularly the areas of Western Virginia. Three hours lecture; two hours laboratory or field trips. *First semester, four hours.*

21. Historical Geology. This is basically a continuation of Geology 20. Prerequisite, Geology 20. Three hours lecture; two hours laboratory or field trips. *Second semester, four hours.*

HEALTH AND PHYSICAL EDUCATION

ASSISTANT PROFESSORS GEISER, TANDY

1, 2. Health and Physical Education. In this course suitable experiences in health and physical education for freshmen are provided. Three periods per week will be required—two of which will be by fixed schedule and one by appointment with the physical education staff.

Each semester, one hour.

20, 21. **Health and Physical Education.** In this course suitable experiences in health and physical education for sophomores are provided. Three periods per week will be required, two of which will be by fixed schedule and one by appointment with the physical education staff.

Each semester, one hour.

50. **Personal and Community Health.** A study of the problems of individual health and safety. Emphasis on good grooming and personality. A study of specific facts concerning health, communicable diseases, etc. Required of those who expect to teach in the public schools.

Either semester, two hours.

51. **Principles of Physical Education.** The nature of physical education, especially in relation to overlapping fields and to education in general. Historical background. An analysis of the various objectives of physical education based on the principles of psychology and physiology.

First semester, three hours.

52. **Organization and Administration of the School Health Program.** Administrative policies and conduct of the school health programs; community relationships, clinics, follow up service, physical examinations, state responsibilities and services of outside organizations.

First semester, two hours.

53. **Body Mechanics and Rhythmics.** A course in body mechanics, postural defects and their correction. Rhythmical activities for elementary grades and high school. Two hours lecture and two hours laboratory. *Alternate years; offered 1953-54.*

First semester, three hours.

54. **Safety.** Special attention to home, school, community, traffic and industrial safety. Includes driver education. *Alternate years; offered 1953-54.*

Second semester, three hours.

55. **Team Games, Individual and Dual Sports.** To acquaint the prospective teacher with the methods of teaching the basic minor sports, and to give an understanding of program construction and methods and materials for teaching on the elementary and secondary level. Two hours lecture and two hours laboratory. *Alternate years; offered 1952-53.*

First semester, three hours.

56. **Methods and Materials in Health Education.** Various methods, procedures and techniques are presented and discussed in relation to their use in the health instruction program. Study of advanced health information. *Alternate years; offered 1953-54.*

Second semester, two hours.

57. Recreation. The program of recreation in the home, school, church, youth and other community organizations. Practical work in social and recreational activities. Course designed for those who may wish to specialize in recreational leadership. *Alternate years; offered 1952-53.*

Second semester, two hours.

58. First Aid. Fundamentals of administering first aid in all its aspects. A Red Cross first aid course.

First semester, one hour.

59. Curriculum in Health and Physical Education. Deals with general class organization and administration and the techniques for conducting class. Discussion of activities included in the curriculum and the factors determining the selection of activities for the various grade levels. *Alternate years; offered 1952-53.*

Second semester, three hours.

60. Coaching Methods and Theory. Considers the methods of teaching and controlling players. Emphasis on teaching the skill involved in major sports and on officiating; also on the strategy and designing of plays for the popular competitive sports. Two hours lecture and two hours laboratory. Separate courses for men and women. *Alternate years; men 1953-54, women 1952-53.*

Second semester, three hours.

HOME ECONOMICS

ASSOCIATE PROFESSOR HOWE, ASSISTANT PROFESSOR REYNOLDS,
INSTRUCTOR FLORY

It is the purpose of the college, through this department, to prepare young women to be builders of happy and healthful homes, to serve as practical dietitians, to pursue graduate courses in home economics, and for the special teachers' certificate in home economics.

Students following the curriculum of this department, outlined on pp. 30, 31, 32, 33, may be granted the Bachelor of Science degree in Home Economics.

1, 2. Textile Study and Clothing Construction. A study of textile fibres and fabrics. Selection and construction of garments in cotton, linen, and rayon. Co-requisite: Home Economics 5. One hour lecture, four hours laboratory.

Each semester, three hours.

5. Art and Design. A general consideration of the principles of design, art, and color, with application in the fields of home decoration and clothing design. This course is a co-requisite of Home Economics 1, 2.

Second semester, three hours.

20, 21. Foods and Cookery. This course includes a study of foods, their composition, nutritive value, function, cost, care, adulterations, and principles involved in their preparation. A short unit on food cost, preparation, and serving of meals is included. One hour lecture, four hours laboratory.

Each semester, three hours.

51. Advanced Foods. A study of basic cookery and nutrition principles. Emphasis will be placed on meal planning, preparation, service and economics. One hour lecture, four hours laboratory. *Alternate years; offered 1952-53.*

First semester, three hours.

53. Child Growth and Development. A study of the development, care, and training of the infant and pre-school child. Special emphasis is given the importance of home relationship.

Second semester, three hours.

55. House Planning and Furnishing. A consideration of choice of site, house planning and architecture, interior decoration from the standpoint of backgrounds, window treatments, color schemes and the study of period furniture. *Alternate years; offered 1952-53.*

First semester, three hours.

56. Family Relations. For description of this course see Sociology 23.

57. Nutrition. This course is planned for the average woman and is centered around the problem of feeding the family. The needs of the whole family are studied. Emphasis is given to personal health guidance. Three hours lecture, two hours laboratory.

Second semester, four hours.

58. Institutional Management. Emphasis will be given to the management of the school cafeteria, including problems in menu planning, food purchasing, personnel administration, health education through the school cafeteria. Prerequisites: Home Economics 20 and 21. *Alternate years; offered 1953-54.*

First semester, three hours.

59. Home Management. A study of those factors which contribute to the making of a scientific and efficient household. The budgeting of both time and money will be considered; the selection, use, and care of equipment; and the importance and use of leisure time.

First semester, three hours.

60. Residence Home Management. This period of residence serves as a laboratory for the application of the principles of household management, nutrition, food preparation and service, home decoration, and creative social living for family life. Eight weeks residence in Home Management House.

Second semester, three hours.

61. Special Methods in Home Economics. This course includes a study of objectives, curriculum planning, and special methods with technique in teaching home economics. Trends in secondary education are taken into consideration.

First semester, three hours.

62. Vocational Home Economics. A study is made of the laws governing vocational home economics and its management, and vocational guidance. A study of problems involved in teaching home economics, organization and administration of vocational home economics programs in high schools, and the relation to state and national programs.

Second semester, three hours.

66. Advanced Clothing. Study of selection of wearing apparel and accessories. Original dress designing; patterns designed from foundation patterns are used in construction. Dresses and suits made of silk and wool. Remodeling. One hour lecture, two hours laboratory. *Alternate years; 1953-54.*

First semester, three hours.

68. Related Arts and Crafts. Instruction in arts and crafts as it relates to the home. Experience with a variety of materials and activities appropriate for home making education. Laboratory course.

Second semester, two hours.

70. Supervised High School Teaching. (See Education 70, p. 87)

MATHEMATICS

PROFESSOR SHULL, ASSOCIATE PROFESSOR GLICK

1. College Algebra. A review of elementary algebra, followed by a study of the usual topics of college algebra.

First semester, three hours.

2. Solid Geometry. A study of solid geometry, including numerous practical problems.

Second semester, three hours.

3-4. Mathematics of Finance. A study of algebra applied to commercial problems, the first semester treating simple interest and discount, the second semester such topics as compound interest, annuities and depreciation.

Six hours.

20. Trigonometry. The principles and application of plane and spherical trigonometry.

First semester, three hours.

21. Analytic Geometry. A brief course in analytic geometry of two dimensions. Prerequisite: Mathematics 20.

Second semester, three hours.

22-23. Engineering Drawing. Orthographic, isometric, and conventions of mechanical drawing are emphasized. Three two-hour periods per week.

Six hours.

50. Calculus I. Devoted largely to Differential Calculus. Prerequisite: Mathematics 21.

First semester, three hours.

51. Calculus II. Devoted to Integral Calculus and differential equations. Prerequisite: Mathematics 50.

Second semester, three hours.

52. Calculus III. Advanced course in Differential and Integral Calculus. Prerequisite: Mathematics 51.

First semester, three hours.

53. **Differential Equations.** Ordinary and partial differential equations. Prerequisite: Mathematics 51. *Second semester, three hours.*

54. **Modern Geometry.** An advanced course in plane geometry. It gives the student a broader view and a better appreciation of the fundamentals of geometry. Prerequisites: Mathematics 1 and 2. *Alternate years; offered 1952-1953. First semester, three hours.*

55. **Surveying.** A study of the principles and methods of surveying with practical application in field work. Lecture and laboratory.

Summer Session, four hours.

56. **Advanced Algebra.** Certain topics that are beyond the scope of introductory college algebra. Prerequisite: Mathematics 1.

First semester, three hours.

57. **Advanced Plane and Solid Analytic Geometry.** This course begins with the study of the properties of plane curves and is concluded with the study of geometry of space. Prerequisite: Mathematics 20, 21.

Second semester, three hours.

Prerequisite: Plane Geometry is definitely a prerequisite to Solid Geometry or Trigonometry.

PHYSICS

PROFESSOR SHULL

50-51. **General Physics.** In the first semester a study of mechanics, properties of matter, heat, and sound; in the second semester a study of light, electricity, and magnetism. Prerequisite: A working knowledge of trigonometry. Two hours lecture, four hours laboratory.

Eight hours.

52. **Experimental Physics.** Deals with more refined and advanced methods of physics than Physics 50-51. Four hours laboratory. (Offered on demand.)

Second semester, two hours.

54. **Mechanics.** Linear and plane kinesematics of a mass point, linear plane dynamics, statics and dynamics of a particle will be studied. Prerequisites: Mathematics 50, 51 and Physics 50-51. (Offered on demand.)

First semester, three hours.

55. **Wave, Motion, Sound and Light.** A more extended study of wave, motion, sound, and light is made than is given in Physics 50-51. Prerequisites: Mathematics 50, 51 and Physics 50-51. (Offered on demand.)

Second semester, three hours.

56. **Heat and Kinetic Theory.** This course is designed to give the student a more complete conception of the fundamental principles. Prerequisites: Physics 50-51. (Offered on demand.)

Second semester, three hours.

57. **Electricity and Magnetism.** A survey of electricity and magnetism of a more advanced nature than is considered in Physics 50-51. Prerequisites: Mathematics 50, 51 and Physics 50-51. (Offered on demand.)

Second semester, three hours.

DIVISION III—SOCIAL SCIENCES

PROFESSOR WRIGHT, *Chairman*

BIBLE AND RELIGION

BIBLE

ASSOCIATE PROFESSORS WOLFE, WILLOUGHBY

1. **Teachings of the New Testament.** An attempt to apply the thought and ideals of the *New Testament* to the problems of current life.

First semester, three hours.

20. **Development of Hebrew Civilization.** A study of Hebrew life and thought as expressed in the institutions, laws, and historical literature of the *Old Testament*.

Second semester, three hours.

21. **Origin and Development of Early Christianity.** A study of the beginnings of Christianity as expressed in the *Synoptic Gospels* and the *Acts of the Apostles*. The life of Christ and of St. Paul.

First semester, three hours.

55. **The Bible as Literature.** A study of selected portions of the *Old Testament* with special reference to their literary and ethical values. Selections from the prophets, wisdom literature, *Psalms*, and the *Book of Job*. *Alternate years; offered 1953-54.*

Second semester, three hours.

56. **The Bible as Literature.** A study of selected portions of the *New Testament* with special reference to their literary and philosophical values. Selections from the parables, the *Gospel of St. John*, and the epistles. *Alternate years; offered 1952-1953.*

Second semester, three hours.

RELIGION

PROFESSOR MILLER

20. **Principles of Religious Development.** A study of the psychological and philosophical principles involved in the development of religious experience. Such problems as the nature and meaning of religion; the relation of religion and science; the place of thought, feeling and will in the development of the moral ideal will be considered.

First semester, three hours.

21. **Foundations of Christian Belief.** An examination of the cardinal beliefs of Christianity. Such topics as the existence of God; the place of Jesus in Christianity; the nature and destiny of personality; the meaning of prayer; the kingdom of God; and other questions of vital interest will be considered.

Second semester, three hours.

50. **The Purpose and Program of the Church.** The course will open with a study of the purpose of the church. It will consider some of the basic achievements of the church in civilization. Effort will be made to interpret the development and results of the modern missionary movements. The course will include a study of the church and state relationships, cooperative Christianity and world wide movements in the area of ecumenical Christianity. *Alternate years; offered 1952-1953. First semester, three hours.*

51. **The Christian Home.** This course will consider problems which relate to the development of Christian family life. It will include a study of ways and means whereby the church and the home may work together with a view to enriching the life of children, youth and adults. *Alternate years; offered 1952-1953. Second semester, three hours.*

52. **The Work of the Local Church.** Following a study of church organization and administration, the course will consider the program of the local church, including worship, service, study, social and recreational life, etc. A section of the course will deal with principles and methods of teaching, with special emphasis on basic procedures in teaching children, youth and adults. *Alternate years; offered 1953-54. First semester, three hours.*

53. **Protestant Christianity In America.** Following a brief introduction the course will consider the development of Protestantism in the 16th century and will follow with a very brief study of the history and doctrine of the principal Protestant denomination. A major section of the course will be given to a study of the history and doctrine of the Church of the Brethren. *Alternate years; offered 1953-54. Second semester, three hours.*

BUSINESS AND ECONOMICS

BUSINESS

PROFESSOR WRIGHT, ASSISTANT PROFESSOR ANDERSON

20-21. **Principles of Accounting.** First semester, accounting for a sole proprietorship, accounting cycle, journals, ledgers, working papers, and preparation of financial and operating statements. Second semester, accounting for partnerships, corporations, analysis of financial statements and budgets. Prerequisite: Mathematics 3-4.

Eight hours.

22. **Economic Geography.** The elements of natural environment necessary for an understanding of the regional distribution of the economic activities of the world are studied, and a survey is made of the development of agriculture, forestry, mining, manufacturing and trade of the world.

First semester, three hours.

23. **Geography of North America.** A study of the transfer of European people to North America and the economic and cultural development which has resulted as they utilized the natural environment and resources of the continent.

Second semester, three hours.

25. Business Statistics. A study of statistical methods and their application in the fields of business and economics. Prerequisite: Mathematics 3.
First semester, three hours.

26. Business English. Training in the composition of business letters and reports. Correct English usage in modern business forms. Prerequisites: English 1 and 2, Typewriting 21 or equivalent.
Second semester, three hours.

50. Salesmanship. A study of the underlying principles of selling with some emphasis on advertising. *Alternate years; offered 1953-54.*
Second semester, three hours.

52. Intermediate Accounting. Preparation and analysis of special financial statements.
First semester, three hours.

53. Advanced Accounting. Accounting for partnerships, corporations, consolidations, receiverships, and budgetary accounting.
Second semester, three hours.

54. Elements of Marketing. A study of the principles, policies, and practices in the distribution of consumer goods.
First semester, three hours.

55. Federal Tax Accounting. Training in Federal taxes and the Federal tax structure. The application of basic principles to specific problems. *Alternate years; offered 1952-1953.*
Second semester, three hours.

56. Economic History of the United States. A study of the economic development of the United States from the early colonial period to the present. The growth of agriculture, manufacturing, transportation and trade together with the problems that came with their expansion will be emphasized.
Second semester, three hours.

57-58. Business Law. A study of the fundamental principles of American law, contracts, negotiable instruments, agency, partnerships, corporations, and sales.
Six hours.

60. Personnel Management. An evaluation of the techniques and principles of personnel management. *Alternate years; offered 1952-1953.*
Second semester, three hours.

61. Investments. An evaluation of the investment characteristics of the various types of securities with some emphasis on life insurance. *Alternate years; offered 1953-54.*
First semester, three hours.

63. Cost Accounting. A study of the principles of process and specific order cost accounting as applied to specific problems. Offered on demand.
First semester, three hours.

ECONOMICS

PROFESSOR WRIGHT

20-21. Principles of Economics. A careful survey of the principles of economics. Certain current problems are studied in the light of these principles. *Six hours.*

52-53. Labor Problems. A survey of the history of the labor movement and labor organizations is followed by a study of some of the problems that have developed as a result of the wage system and the remedies that have been proposed. *Alternate years; offered 1953-54. Six hours.*

54-55. Public Finance. The principles of public finance and taxation are studied as they apply to the national, state and local governments. *Alternate years; offered 1952-1953. Six hours.*

56. Money and Banking. The history and theory of money and banking, with special reference to the development of the monetary and banking system of the United States. *Alternate years; offered 1953-54. First Semester, three hours.*

59. Business Administration. The principles of business functions; methods of production; plant and office management; sales and personnel problems. *Alternate years; offered 1952-53. First semester, three hours.*

Prerequisite: Economics 20-21 is prerequisite to all other courses in economics.

SECRETARIAL STUDIES

INSTRUCTOR ANDES

Credit on Beginning Typewriting and Beginning Shorthand will be allowed on the two year certificate course for secretaries described on page 50 but it will not be allowed on any of the degree programs. Credit on Advanced Typewriting and Advanced Shorthand will be allowed only on the two year certificate program and on the program leading to certification for teaching in Business. See page 36.

5-6. Beginning Typewriting. A skill course leading to the mastery of the standard typewriter keyboard by touch. Practice in work for both personal and office use is included. The attainment of a typewriting speed of thirty-five words per minute is required for the completion of this course. Four periods per week. *Each semester, two hours.*

7-8. Beginning Shorthand. A study of the fundamentals of shorthand as presented in the Gregg manual. Intensive practice in the reading and writing of Gregg shorthand outlines. Ability to accurately transcribe material dictated at sixty words per minute is required for the completion of this course. Four periods per week. *Each semester, three hours.*

21-22. Advanced Typewriting. A continuation of Beginning Typewriting with special emphasis on letter writing and office problems. The attainment of a typewriting speed of fifty words per minute is required for the completion of this course. Four periods per week.

Each semester, two hours.

23-24. Advanced Shorthand. A continuation of Beginning Shorthand with special emphasis on the building of speed in writing through dictation at graduated speeds. Ability to accurately transcribe material dictated at one hundred words per minute is required for the completion of this course. Four periods per week.

Each semester, three hours.

25. Filing.

First semester, two hours.

26. Secretarial Practice.

Second semester, two hours.

EDUCATION

PROFESSOR BOITNOTT, INSTRUCTOR (MRS.) BOITNOTT

Students preparing to teach in the public schools should consult the requirements for teacher's certificates on pages 43, 44 and 45.

50. History and Philosophy of Education. A study of the background, origin, and development of the school system in the United States.

First semester, three hours.

53. Secondary Education. A study of the aims, functions, program of studies, organization, modern practices, and trends in secondary schools.

Second semester, three hours.

54. Principles of High School Teaching. This is a course in techniques and methods of teaching and management in the high school.

Either semester, three hours.

59-60. Methods and Materials in Elementary Schools. A course in methods technique, and materials for teaching in the elementary grades.

Six hours.

61. Measurement and Guidance. Major emphasis will be placed on principles of organizing and administering a program of guidance in the public schools, especially the high school. Attention will also be given to tests and measurements as they relate to the guidance process.

Second semester, three hours.

62. Special Methods in Teaching the Social Studies.

Second semester, two hours.

63. Special Methods in Teaching the Sciences.
First semester, two hours.
64. Special Methods in Teaching English.
First semester, two hours.
65. Special Methods in Teaching Mathematics.
Second semester, two hours.
68. Supervised Teaching in the Elementary Grades. A course providing special training for elementary teachers through instructional planning, individual and group observations, and practice teaching under supervision in the public elementary schools.
Either semester, six hours.
70. Supervised High School Teaching. This course includes individual and group observations in the public high school, instructional planning, and practice teaching under supervision.
Either semester, six hours.

Note: Students in home economics and music education should refer to courses in the methods of teaching within those departments.

COLLATERAL COURSES

- Psychology 51. Educational Psychology. See page 90.
- Psychology 52. Child Psychology. See page 90.
- Psychology 53. Psychology of Adolescence. See page 90.
- Art 24. Art for Elementary Teachers. See page 65.
- Music 57. Music Methods in the Elementary School. See page 71.

GOVERNMENT

ASSISTANT PROFESSOR GLICK
(On leave 1951-52)

20. United States Government. A study of the theories underlying the state, the formation of the Federal Union, the functions of departments and the duties as well as the relation of the several states to the Federal Government.
First semester, three hours.
21. State, City, and Rural Government. The place of the states in the nation, their constitutions, problems of administration, departments, officials and their duties, and some present trends from states' rights to centralization.
Second semester, three hours.

HISTORY

PROFESSOR HENRY, ASSISTANT PROFESSOR GLICK (On leave 1951-52)

22. American History. A study of the political and social history from the discovery of the Americas to the Civil War and its attendant problems.
First semester, three hours.

23. American History Since the Civil War. Begins with the problems of the reconstruction era and continues with a study of the problems of the country to the appearance of the New Deal.
Second semester, three hours.

50. Modern Europe. The political ideas and institutions of Europe beginning with the sixteenth century to the era of Napoleon and the downfall of the Metternich system.
First semester, three hours.

51. Europe Since 1850. Traces the history of Europe from the collapse of the Metternich system to World War I and the ideologies of the totalitarian state in the post-war world.
Second semester, three hours.

52. England and the British Empire. England from the earliest times up to the formation of the British Commonwealth of Nations, and the far-reaching effect of English policies on the thought of the world. *Alternate years; offered 1953-54.*
Second semester, three hours.

53. American Foreign Relations. A study of the development of American policies of foreign relations, treaties, commitments, and problems of international understanding. *Alternate years; offered 1952-1953.*
Second semester, three hours.

54. Latin America. A study of the republics of Latin America, struggles for independence, races, social and economic problems, with trends and development since World War I. *Alternate years; offered 1952-1953.*
First semester, three hours.

55. Renaissance and Reformation. The underlying factors leading up to the Renaissance and the Reformation are traced, with a study of the influence and effect of these movements on the thought, social, and religious life of the modern world. *Alternate years; offered 1953-54.*
First semester, three hours.

57. The South in American History. A comprehensive study of the agrarian planter system with its cultural, social, political aspects, and influence on American life. *Alternate years; offered 1952-1953.*
First semester, three hours.

58. Far Eastern History. A study of the development of the Oriental cultures from the earliest times to the present, with special emphasis on the impact of the Far East upon Modern Western Civilization. *Alternate years, offered 1952-1953.*
Second semester, three hours.

59. **Survey of the Ancient World.** A study of the lands, struggles, and ideals of the ancient people. *Alternate years; offered 1953-54.*

First semester, three hours.

60. **Medieval Europe.** A study of various aspects of medieval life from the decline of the Roman civilization to the Renaissance and the rise of the modern state. *Alternate years; offered 1953-54.*

Second semester, three hours.

PHILOSOPHY

PROFESSOR ENSS

21. **Introduction to Philosophy.** Philosophy as a method of integration of all knowledge into one coherent mental structure. It is designed to start the student on a search for a comprehensive world view and a philosophy of life.

First semester, three hours.

22. **Ethics, Moral Problems and their Solution.** A study of the various systems of ethical theory, the basis of moral conduct, and the application of these principles to personal and social problems.

Second semester, three hours.

23. **Argumentation, Discussion, and Debate.** This course is designed for all students anticipating leadership in business, professional, and religious work, where effective responsible speaking is of primary significance. It is of special value to students who wish to participate in intercollegiate debating.

First semester, three hours.

24. **Logic.** An introduction to critical thinking comprising the study of the laws of thought and of the processes of reasoning, including the deductive and the inductive methods.

Second semester, three hours.

51. **History of Philosophy.** Ancient and Medieval Philosophy. *Alternate years; offered 1953-54.*

First semester, three hours.

52. **History of Philosophy.** Modern and Contemporary Philosophy. *Alternate years; offered 1953-54.*

Second semester, three hours.

53. **Philosophy of Religion.** The philosophy of religion concerns itself impartially with the more general principles of all religions, considering the truth of religion itself and the significance of its beliefs and practices. *Alternate years; offered 1952-53.*

First semester, three hours.

54. **Seminar in Plato.** This includes the reading of all the Dialogues excepting the Laws. A study of Plato's Theory of knowledge, his ethical and social theories, and the metaphysical implications in his writings. *Alternate years; offered 1952-53.*

Second semester, three hours.

55, 56. **Special Problems in Philosophy.** This course is designed for students majoring in philosophy. A reading and thesis course. Offered on demand.

Each semester, three hours.

PSYCHOLOGY

ASSISTANT PROFESSOR FRICK

20. General Psychology. An introduction to the study of behavior. Topics considered include physiological bases of behavior, motivation, emotion, perceptual processes, learning, measurement of behavior, and normal and abnormal personality. *Either semester, three hours.*

51. Educational Psychology. A study of the learning process in its relation to educational procedure. *Either semester, three hours.*

52. Child Psychology. A study of the nature and development of childhood characteristics, abilities, and behavior, from infancy to adolescence. *Second semester, three hours.*

53. Psychology of Adolescence. A study of the behavior and adjustment problems of adolescents. *Second semester, three hours.*

54. Social Psychology. A psychological analysis of social behavior and the factors causing cultural change. *Alternate years; offered 1953-54. First semester, three hours.*

55. Applied Psychology. A study of the application of psychology and its practical uses in various vocational and professional fields and in guidance and personnel work. *Alternate years; offered 1952-1953. First semester, three hours.*

56. Abnormal Psychology. A study of mental defects, disorders, and abnormalities, with their educational and social significance. *First semester, three hours.*

57. Experimental Psychology. An introduction to laboratory methods in psychology. Experiments are selected to illustrate the psychological principles involved in learning, retention, sensory processes, feeling, and emotion. Readings in major research areas will be assigned. Two hours of lecture and two hours of laboratory. Prerequisite: Permission of the instructor. *Alternate years; offered 1952-1953. Second semester, three hours.*

58. Seminar in Psychology. A course providing readings and discussions for advanced students. *Alternate years; offered 1953-54. Second semester, three hours.*

Prerequisite: Psychology 20 is prerequisite to all other courses in psychology.

SOCIOLOGY

ASSOCIATE PROFESSOR WILLOUGHBY

20-21. Principles of Sociology. Introductory course. The first semester is a study of the physical and cultural development of man since his appearance on earth. The second semester is a study of collective behavior, human ecology, social institutions, and social change. *Six hours.*

23. Marriage and Family Life. A study of the sociological, psychological, biological and economic factors affecting the family. Courtship, choice of a mate, engagement, adjustment in marriage, relation of home and church, are among the topics discussed. *Either semester, three hours.*

50. Social Problems. A study of major social problems in America, such as poverty, mental illness, racial and class conflicts. Examination is made of proposals for solution and treatment. *Alternate years; offered 1952-53. First semester, three hours.*

51. Rural Sociology. A study of rural life; the factors causing changes in rural life and culture and their social significance. *Alternate years; offered 1952-1953. Second semester, three hours.*

53. Criminology. A study of crime as a social phenomenon with particular attention to causes and treatment of crime. *Alternate years; offered 1953-54. First semester, three hours.*

54. The Community. A study of the community as a social unit. Includes individual study of a selected community. *Alternate years; offered 1953-54. Second semester, three hours.*

55. Social Work. An introductory course in the field of social work designed especially for students interested in the various forms of social services. *Alternate years; offered 1953-54. First semester, three hours.*

59. Seminar in Sociology. This course provides opportunity for advanced students to make an intensive study of some major social problems, using research methods and seminar procedures. *Alternate years; offered 1952-1953. Second semester, three hours.*

60. The Development of Social Thought. A survey of the history of social thought with emphasis upon its possibilities for throwing light on current social problems. Admission by consent of the instructor. *Alternate years; offered 1953-54. Second semester, three hours.*

Prerequisite: Sociology 20-21 is a prerequisite to all other courses except Marriage and Family Life.

DEGREES AND HONORS

ACADEMIC DEGREES

Commencement, June 4, 1951

BACHELOR OF ARTS

Ellen Maxine Abshire	Fincastle, Virginia
Kurtz, Edward Alderman, <i>magna cum laude</i>	Floyd, Virginia
Wilton Earl Allen	Stuarts Draft, Virginia
Wayne Doyle Ardinger	Hawthorne, California
Harold Wandless Armstrong	Lone Fountain, Virginia
Earl Leroy Atkinson, Jr.	Baltimore, Maryland
Verlin Wright Baker	Waynesboro, Virginia
Robert Mayne Bennett	Wyoming, Delaware
Harry Richard Bowers	Harrisonburg, Virginia
Joseph Alaric Bowman, Jr.	Hagerstown, Maryland
Oliver Avon Bowman	New Windsor, Maryland
Robert George Breckwoldt	Brooklyn, New York
Elbridge Hundley Callahan	Martinsville, Virginia
Helen Wai-Ying Chan	Canton, China
Alfred Ray Cline	Staunton, Virginia
Carroll Edward Conner	Manassas, Virginia
Neil Gordon Corbett	Hot Springs, Virginia
Martha Hope Cupp	Staunton, Virginia
Clinton Miller Devier	Harrisonburg, Virginia
Guy Franklin Didawick	Woodstock, Virginia
Wilda Ann Eller	Roanoke, Virginia
Earle William Fike, Jr., <i>cum laude</i>	Broadway, Virginia
Jean Kiser Fike	Dayton, Virginia
Joseph H. Fishel, Jr.	Winchester, Virginia
Allen M. Fleishman	Nokesville, Virginia
John DeWitt Floyd	Arlington, Virginia
William Lee Forbes	South Norfolk, Virginia
Geraldine Early Garber	Weyers Cave, Virginia
William Harold Garner	Westminster, Maryland
Ruth Celesta Glick	Bridgewater, Virginia
Charles Jolls Graham	Sudlersville, Maryland
Lloyd Delmar Haag, <i>cum laude</i>	Front Royal, Virginia
Joseph Alvin Hall	Boonesville, Virginia
Harold Harley Hersch, <i>magna cum laude</i>	Manassas, Virginia
Miriam Elizabeth Hersch	Manassas, Virginia
Joseph Raymond Hiner	Monterey, Virginia
Benjamin Hanson Hoge	Staunton, Virginia
Herbert George Houser	Staunton, Virginia

Charles Edloe Jackson	Richmond, Virginia
Merle Leon Jenkins	Jacksonville, Florida
Harry Lee Kraus	Denhigh, Virginia
Robert S. Landes, Jr.	Staunton, Virginia
Alfred Felix Laudis	Bridgewater, Virginia
Yau Kwong Lee	Hongkong, China
Ivan W. Lobban	Clovis, New Mexico
Raymond Michael Marsh	Lively, Virginia
Ivan Joseph Mason	Broadway, Virginia
Peggy Glick Mason	Linville, Virginia
Carl O. McDaniels	Arlington, Virginia
David Edward McKalips	Burnham, Pennsylvania
Betty Elizabeth Miller	Rocky Mount, Virginia
Holbrook Albert Miller	Jerome, Virginia
Raymond F. Moore, Jr.	Fort Defiance, Virginia
Rommie Frank Moore	Bassett, Virginia
Harold Swanson Moyer, <i>cum laude</i>	Waynesboro, Virginia
Herbert Lawrence Ridder	Oakland, Maryland
James Harman Roadcap, Jr.	Waynesboro, Virginia
David Livingstone Rogers	Roanoke, Virginia
John Earle Sayre	Waynesboro, Virginia
Vivian Harless Scaggs	Troutville, Virginia
Doris Elaine Shifflett	Elkton, Virginia
Eugene Douglas Simmons	Blue Grass, Virginia
Larry Click Smith	Crum, West Virginia
Samuel Nehemiah Smith	Newport News, Virginia
Jack Rennis Stenger	Waynesboro, Pennsylvania
Owen Glennard Stultz, <i>magna cum laude</i>	Bergton, Virginia
James K. Sullivan	Shenandoah, Virginia
Clayton Nathaniel Towers, <i>cum laude</i>	Easton, Maryland
Mary Katheryn Vest	Check, Virginia
Thomas Elmer Wagner	Easton, Maryland
Dale Pleasant Warner	Riverton, West Virginia
March Harlan Warner	Riverton, West Virginia
Stanley Durwood Wine, <i>magna cum laude</i>	Bridgewater, Virginia
Robert Edward Ziegler	Bridgewater, Virginia

BACHELOR OF SCIENCE, MUSIC EDUCATION

Betty Burkholder, cum laude	Lancaster County, Pennsylvania
Bessie Martin Conner	Gloucester Point, Virginia
William Frederick Himelwright	Winchester, Virginia
Ruth Elizabeth Stull	Frederick, Maryland

BACHELOR OF SCIENCE, HOME ECONOMICS

Katherine Elizabeth Coffman, cum laude	Reisterstown, Maryland
Melda Mae Dove	Criders, Virginia
Pauline Mae Knepper	Markleton, Pennsylvania
Gaynell Wampler Sayre	Mt. Sidney, Virginia
Evelyn Page Welch	Warrensville, North Carolina

BACHELOR of SCIENCE, BUSINESS ADMINISTRATION

Dee Elmo Floyd	Dayton, Virginia
Ray Miller Wine	Bridgewater, Virginia

COMMERCE CERTIFICATES

Dee Elmo Floyd	Dayton, Virginia
Mary Katheryn Vest	Check Virginia
Ray Miller Wine	Bridgewater, Virginia

ACADEMIC DEGREES

August 11, 1951

BACHELOR OF ARTS

Frederick Hill Bower	Hollins, Virginia
Albert Wesley Crawford	York, Pennsylvania
Galen Hamilton Dellinger, cum laude	Jerome, Virginia
Charles Alexander Funkhouser	McGaheysville, Virginia
Richard B. Magalis	Bridgewater, Virginia
Janet Idelle Meadows	Elkton, Virginia
Byron Reubush Morris	Bridgewater, Virginia
Helen Cline Pence	Weyers Cave, Virginia
Thomas D. Robinson, Jr.	Hampton, Virginia
Warner Wood Talley, Jr.	Staunton, Virginia
Jacqueline Grove Towers, cum laude	Staunton, Virginia
Harold Alfred Trumbo	Fulks Run, Virginia
George Andrew West	Chosen, Florida

ENROLLMENT SUMMARY 1951-1952

	<i>Women</i>	<i>Men</i>	<i>Total</i>
Seniors	15	62	77
Juniors	30	49	79
Sophomores	34	50	84
Freshmen	48	97	145
Special Students	9	4	13
Total 1951-52	136	262	398
Summer Session 1951	14	57	71
Grand Total (less duplicates)	144	287	431

LEGAL FORM OF BEQUEST

For the convenience of alumni and friends who may wish to remember the needs of Bridgewater College in their wills the following legal form of bequest is presented:

I give and bequeath to Bridgewater College, a corporation existing under the laws of the Commonwealth of Virginia and located at Bridgewater, Rockingham County, in said commonwealth dollars, to be used for the benefit of Bridgewater College in such manner as the Trustees thereof may direct.

For further information regarding gifts, annuities, endowments, scholarships, etc., please address The President, Bridgewater College, Bridgewater, Virginia.

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